

Hope4Cancer® Institute

Patient Guide



*Faith is the bird that feels the light
when the dawn is still dark.*

-

- *Rabindranath Tagore*

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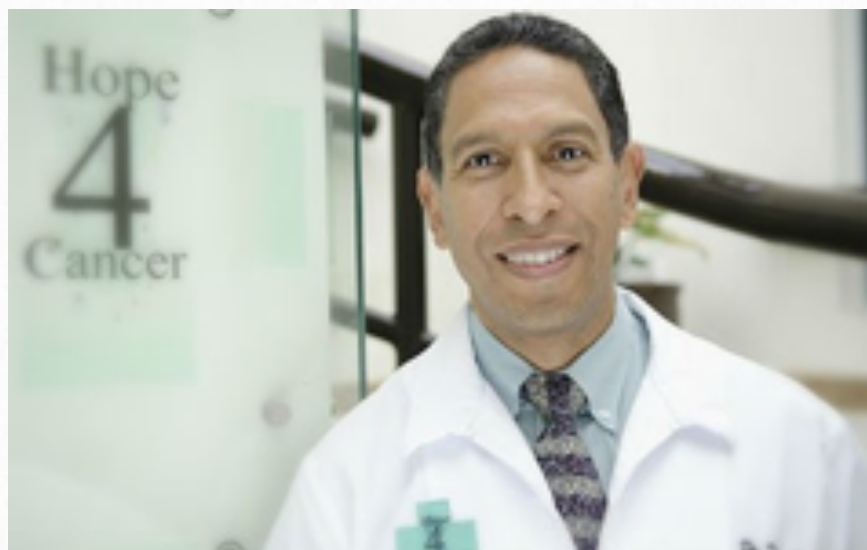
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Second Edition

Welcome Message from Dr. Jimenez



Dear Patient,

Welcome to the Hope4Cancer® Institute! For almost 15 years, the Hope4Cancer® Institute has been the chosen destination of cancer patients seeking non-toxic treatment modalities. Running the Hope4Cancer® Institute has been a labor of love for me, the best way I have known to make a difference to the lives of those around me over the past 25 years.

We would like your stay with us to be a pleasant one, bringing resolution to the health challenges you face. We believe that the first step to the fight against cancer is to have an overriding belief that you can indeed win. I can share with you story after story of patients who have overcome cancer and gone on to live happy, productive lives. We will do our work from our end and bring you the latest technology in alternative cancer therapy. From your end, all we ask of you is to turn all your positive energies towards the process of healing and help us help you.

This guide will take you through the admission process, what to expect during your stay, a summary of our therapies, and your after care program. We will also go through a few do's and don'ts that will help you pace your treatments over the following months. Please read this document carefully and maintain it as a reference for the future as well. I wish you a speedy and permanent recovery!!

In Health,

A handwritten signature in black ink that reads "A. Jimenez".

Dr. Antonio Jimenez, M.D.

Medical Director, Hope4Cancer® Institute

PANEL OF PHYSICIANS



Dr. Antonio Jimenez, MD
Medical Director



Dr. Xavier Curiel, MD
Director of
Integrative Medicine



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Medical Sub-Director
& Supervisor



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Staff Physician



Dr. Benito Muñoz, MD
Staff Physician



Dr. Sergio Ojeda, MD
Staff Physician



Dr. Santiago Valero, MD
Staff Physician
Rigvir Specialist



Dr. Karla Izazaga, MD
Staff Physician
PNC-27 Specialist



Dr. Carlos Salinas, MD
Staff Physician



Dr. Teresa Salazar, MD
Staff Physician



Dr. Ericka Ruink, MD
Staff Physician



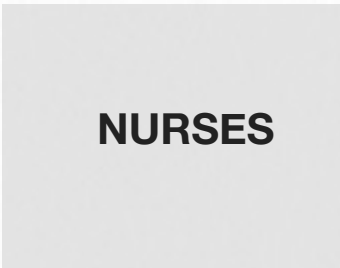
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Director of Clinical Services



Israel Moreno
Head Nurse



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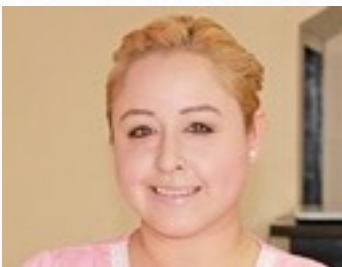
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Emilia Fernández
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Pharmacy Assistant

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Medical Records Manager

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Alma de la Cruz
Kitchen Assistant



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Kitchen Assistant



Ana Santos
Kitchen Assistant



Rebeca Zavala
Kitchen Assistant



Miguel Salas
Juice Bar Manager

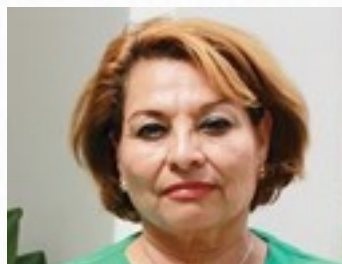


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Juice Bar Assistant



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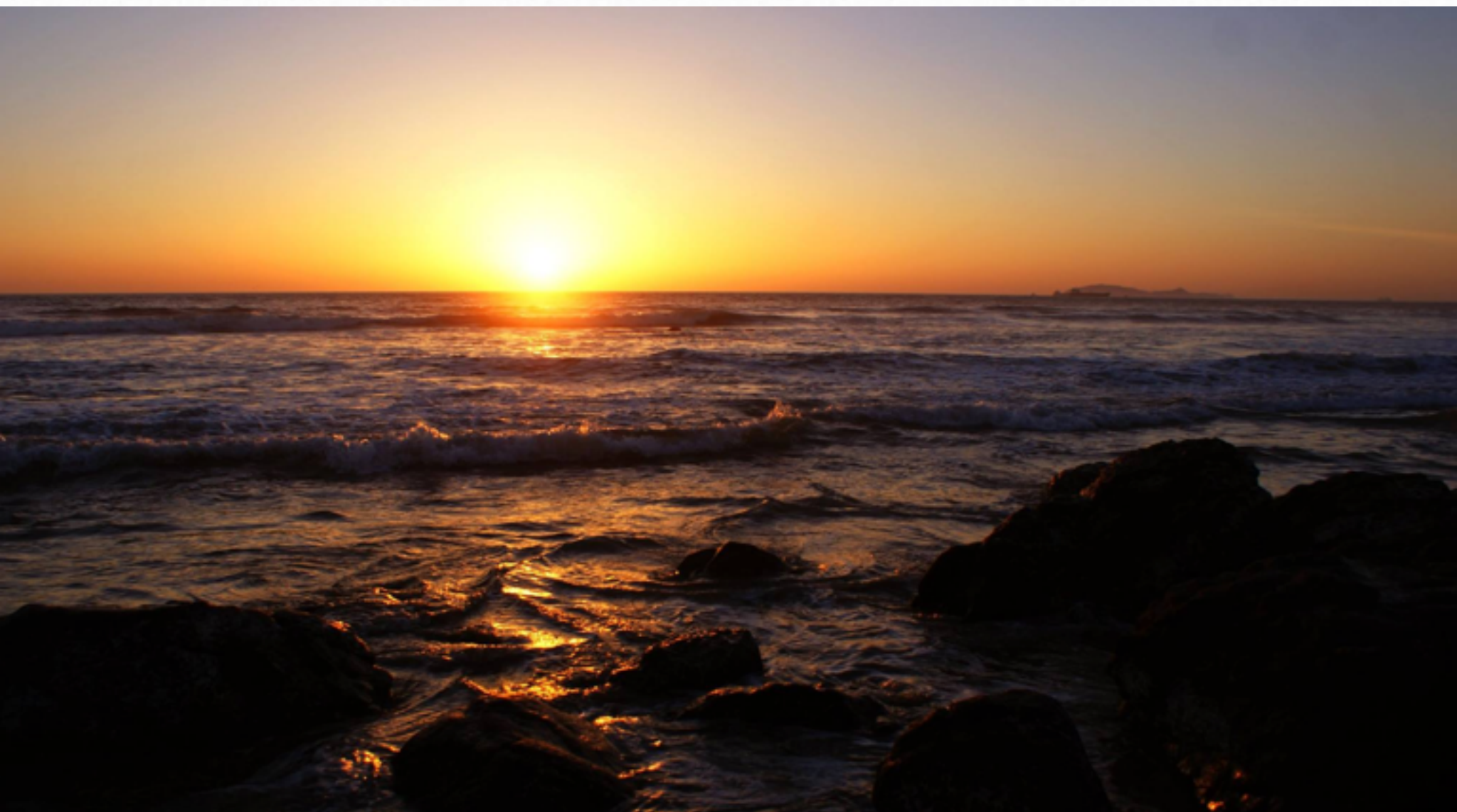
(From Top Left) Jose Posada (Manager), Tammy Castanon, Raul Montoya, Perla Alvarez, Margarita Flores, Isabel Montoya, Guadalupe Hernandez, Gloria Ibarra, Gerardo Hernandez, Georgina Osuna, Elda Hernandez, Carmen Penaloza, Alejandra Levya, Aldo Hernandez.

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General Information

**“Turn Your Face to the Sun
and the Shadows Fall
Behind You”**

– Charlotte Whitton



This book is designed to help you with the necessary information for your stay at Hope4Cancer® Institute as well as the changes you will need to make once you return home. In this chapter covers our administrative procedures, details of boarding and lodging, entertainment, connectivity and more.

Arrival & Your First Two Days



Airport, Hotel or Border Pick-Up. Most of our patients arrive by plane to the San Diego airport, or by driving to the USA-Mexico border crossing. Jesus, our driver, will pick you up at an appointed time from your pre-determined location and drive you directly to the clinic.

Welcome and Clinic Tour. On your arrival, you will be greeted by our reception staff and one of our Patient Services Assistants, Rolando or Emilia.

They will take you on a tour of the clinic, introduce you to the staff and familiarize you with the various treatment rooms, common areas, kitchen and more.

Have a question? Your Patient Service Assistants will be available between 9 AM - 5 PM (Monday - Saturday) to help you with your needs. Please feel free to ask her any questions.

Registration Requirements and Payment.

Our comptroller, Elvira, will help you complete the registration requirements, which will include the steps outlined in the admission process above.

Medical Intake Paperwork. Once the financial paperwork is completed, Rolando or Emilia will take you through filling out the necessary medical paperwork to complete the intake process.

REGISTRATION PROCESS

STEP 1

Fill out the admission packet.

STEP 2

Process payment - we accept money orders, checks drawn on a U.S. bank, or cash (US Dollars only). No credit cards are accepted.

STEP 3

Fill out insurance paperwork, if applicable.

Medical Interview, Physical Exam and Laboratory Tests. Depending on your time of arrival, you may go through this process on the date of arrival or the next day.

Medical Interview & Physical Exam. You will be assigned a staff physician who will record your complete clinical history, and conduct a physical exam. In most cases, this physician will become your medical point of contact. You will, of course, have access to all the other doctors as well.

Clinical Records. Please make sure that you have all your latest clinical records (written reports, DVDs and/or films).

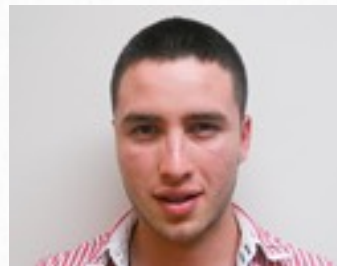
Laboratory Tests. One of our staff nurses will draw your blood for a comprehensive blood chemistry panel, complete blood count with differential, and a cancer marker test, if advised. You will also be asked for a urine sample. An EKG will also be performed as part our routine medical evaluation.

Radiology. Your medical team may require X-rays and High Resolution Power Color Ultrasound imaging which are performed in-house, the cost is included in your package. If you need additional tests such as CT-scans, MRIs or bone scans, these will be performed, at an

additional cost, at a diagnostic center in the area.

Non-Invasive Assessments. Our staff nurses or physicians will conduct a series non-invasive assessments, as follows:

Your Welcome Team



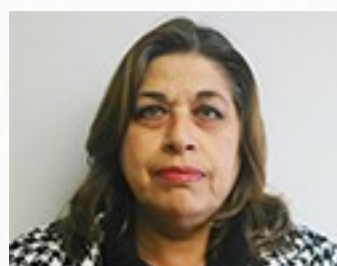
Rolando
Patient Services



Emilia
Patient Services



Elvira
Comptroller



Imelda
Reception Desk



Jesus
Driver

E.S. Teck Complex System Bioimpedance Test.

The goal of this test is to use bioimpedance measurements to estimate the patient's level of homeostasis, the balance of the various regula-

tory systems that keep the body functioning right.

Thermoregulation Analysis. Measures the behavior of the autonomic nervous system to temperature changes, which in turn is related to various disease processes.

Zyto Analysis. Each person is different, and they respond differently to stimuli such as foods, supplements etc. By measuring the galvanic skin response through a sophisticated software interface, Zyto assesses your body's particular preferences. Zyto results provide technological validation for your personalized program.

Questionnaires. During the intake process, you will also be asked to fill out a number of questionnaires, including the following:

- BIOFEEDBACK QUESTIONNAIRE
- RECALL HEALING QUESTIONNAIRE
- QUALITY OF LIFE QUESTIONNAIRE
- PAIN ASSESSMENT QUESTIONNAIRE
- FOOD PREFERENCE QUESTIONNAIRE

This information will allow us to finalize your treatment plan which will begin on Day 3 of your stay.

Review of Evaluations Consultation. You will have a formal consultation with one of our senior physicians to discuss the results of your evaluations and assessments and discuss the course of your treatments during your stay at Hope4Cancer®.

Health Insurance Questions. Treatment in Mexico has its advantages in terms of significantly lower costs and substantially better

value for money. However, keep in mind that insurance companies do not cover treatments here the same way they may do in your home country. Due to the therapies being out of the country and not under the definition of “emergency” treatment, most insurance companies will require that the patient pay out-of-pocket and then seek reimbursement after the in clinic portion of our program is completed.

Insurance reimbursements is not our area of expertise and Hope4Cancer® does not provide assistance or take responsibility for coding or billing insurance companies. You are more than welcome to research third party agents who can help you through this process.

Lodging. If you are an in-patient with us, our staff will assist you with your settling in process. Please note that your room is pre-assigned and cannot be switched for another.

If you are an out-patient, our driver will pick you up every morning between 7:30 - 7:45 AM, on time for breakfast at the clinic, and drop you off at the end of the day.

Patient Schedule. After your initial evaluation you will be assigned a patient number and your schedule will be discussed with you. Your regular treatment schedule will initiate on Day 3 of your stay at the clinic. This may involve a very full day of a variety of treatments and it is critical that you follow your schedule rigorously. Please make sure that you (and your companion, if any) are involved in learning the therapies and operating the equipment, since you will be continuing many of these when you return home.

Our clinic is known for its family-like environment. We encourage you to allow yourself to feel comfortable in your home away from home. Welcome aboard!

Treatment Times. Treatment times can range anywhere between 7 AM and 8 PM, depending on what treatments are being done. You will be able to conduct many of the treatments in the privacy of your room.

Companions and Visitors. Unlike other clinics and hospitals, Hope4Cancer® encourages you to bring an adult companion with you who can stay with you throughout your treatment. Boarding and lodging for your companion is covered.

For other visitors, we maintain flexible visiting hours. While your treatment is our main goal, we are, at the same time, sensitive to your need to be close to your visiting family and friends.

While we all love children, we must limit the time they are allowed to visit since they could become disruptive to the functioning of the clinic. While at the clinic, please contain them from running around or making loud noises. We appreciate your consideration in maintaining the environment in the clinic conducive to your and your fellow patients' recovery.

Safety of Your Belongings. The clinic has a safe where you may check in your valuable belongings. While the clinic is a safe place, we cannot make any guarantees against any losses. That is why we strongly recommend that you use the safe, if needed. Please check with your Patient Services Assistants, for more information.

Additionally, every in-patient room has a security box. During the admission process you can sign out a key for the security box which must be returned on discharge. There is a US \$20 charge for a lost key.

We encourage you to acquaint yourself with the clinic and its immediate surroundings as you make yourself comfortable and prepare for your treatment. In our clinic you will find a family like environment, very different from the cold, heartless corridors of other clinics and hospitals. Our goal is simple: you may walk in as a patient, but we want to make sure that you leave as part of our family. Welcome aboard!

Your Stay At the Clinic

Cuisine, Services, Communication & Entertainment



Meal Times/Nutrition. Meals are served three times a day according to the schedule shown below. You may request your meals in your room, but we encourage you to come to the dining room and eat with other patients. If your treatment times conflict with the standard breakfast, lunch or dinner times, our kitchen staff will be aware of your schedule and plan your meals accordingly. Your adjusted meal hours will appear in your personalized schedule. Please closely adhere to your meal times so that we can stay on schedule with your daily treatments.

Companion Meals/Meal Tickets. The treatment cost includes meals for the patient and one companion only. Additional meal tickets (breakfast, lunch or dinner) for extra compan-

MEAL TIMES	
BREAKFAST	8:00 - 8:30 AM
LUNCH	1:00 - 1:30 PM
DINNER	6:00 - 6:30 PM

ions may be purchased at the reception desk. To provide sufficient lead time to our kitchen staff, we would appreciate it if you could purchase additional meal tickets the night before, or at least 2 hours prior to the meal.

Fresh Juices. Juicing is an important part of your treatment. Fresh juices will be served at 8:30 AM (carrot), 10:30 AM, 12:30 PM, 3:30 PM and 5:30 PM (green). Throughout the day, you will typically have two green juices, one vegetable juice and one fruit juice. Our juices are organic and made fresh just for you.

Nutrition is Therapy. Nutrition is a very important part of the healing process. At Hope4Cancer® Institute, we serve mainly fresh, gluten-free, organic vegetarian food, which is vital to your recovery. Dr. Jimenez is a certified Hallelujah Acres Health Minister. During your stay, we will be educating you on the proper nutrition needed to help you overcome your disease.

Laundry. You will find a laundry basket in your room. When you need laundry done, just put the basket outside the door of your room, or you can find one of our clinic assistants and let them know that you need to have your laundry done.

If you are staying at the hotel, you are welcome to bring your laundry with you to the clinic in the morning. Our clinic assistants will return your clothes, washed and folded, by the end of the day.

Computers and Internet. All rooms are equipped with Wi-Fi, so feel free to use your laptop while in your room. You can pick up the security key for wireless access for your patient room at the reception desk. There is also an internet-enabled computer in the common area on the second floor that you are welcome to use. As a common courtesy, we request that you are considerate of others who may want to use the computer, by limiting your time to essential activities, as much as possible.

Phones. There is a clinic phone with a California number [(619) 308-7102] that you may use for short calls to the U.S. and Canada at no charge. Please be considerate and limit your calls to a few minutes, as this phone is for all the patients. You may also give this number to any friends and family in the U.S. to call you on a non-international number. Please remind your

callers that we are on Pacific Standard Time, and calls should come in no later than 8 PM, to avoid disturbing other patients. We ask that when you are finished with your call, you return the phone immediately.

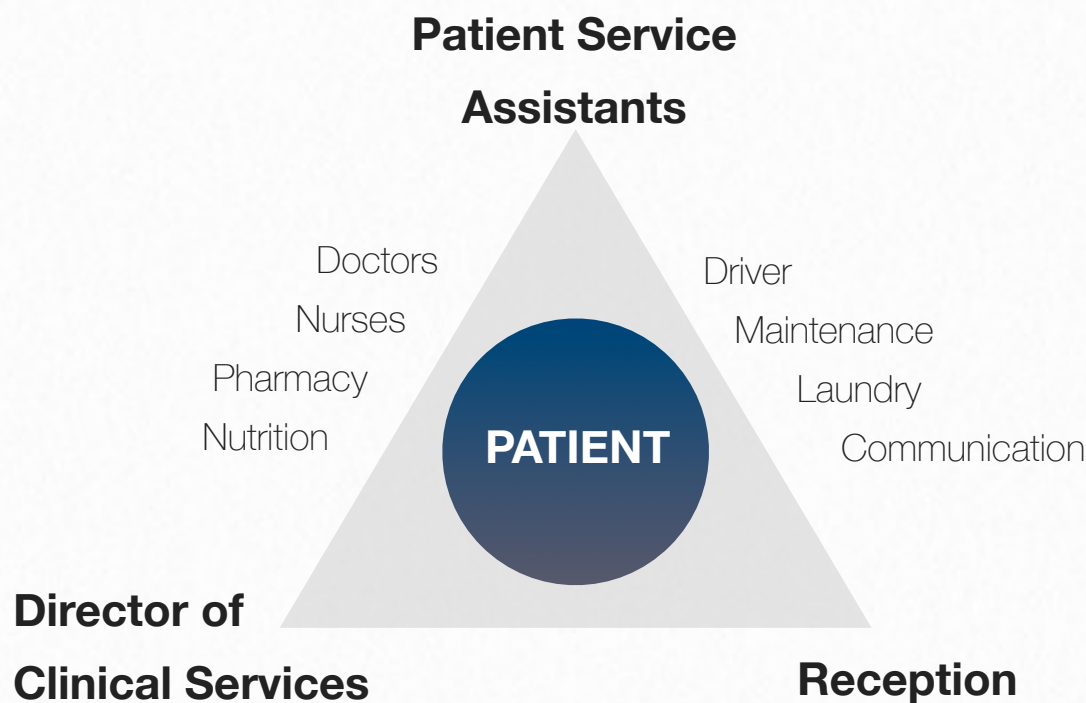
Your cell phones may also work here. If you haven't already asked your carrier for a temporary Mexican plan, please request one. Usually it costs about \$5.00 for a month, and this avoids additional roaming charges that can rack up the bill.

TV and Movies. The two common areas in the first floor have large, flat screen TVs equipped with Satellite service for your entertainment. Since these are common areas, please be respectful of the viewing preferences of other patients while selecting channels to watch. You can watch DVDs on the common area TVs as well, as long as the content is appropriate.

Each patient room is also equipped with a TV, with Satellite service, and a DVD player. We have a selection of DVD movies for you to watch that you can check out from the reception counter between the hours of 9 AM - 5 PM. Please return the DVD when you are finished.

Visiting Hours. The visiting hours for patient companions not staying at the clinic is between 11 AM - 8 PM.

Patient-Staff Communication. Very often patients are confused regarding who to approach in the clinic for different concerns. It will help you to get to know: Rolando or Emilia, our Patient Services Assistants, Olga Lasprilla, our Director of Medical Services, and our receptionist, Imelda. Each of these individuals shares responsibilities as represented in the triangle on the next page. For example, if you have a question regarding your medications, you should contact



any of the staff doctors. If you have a question about the driver, contact Rolando or Emilia. If you have concerns that do not fall in the categories displayed, please contact Rolando or Emilia - one of them will guide you to the appropriate person.

Patient Privacy. Hope4Cancer® presents a unique scenario where several patients live, for a short but defining period of their lives, in a wholesome, nurturing, family-like environment. This is a place where you may establish long-lasting friendships with others, and find, as well as give others, the gifts of love, support and camaraderie.

All the more reason that we need to understand the importance of respecting each other's privacy. Here are some general rules:

- * *Refrain from asking personal questions.* Such conversations can begin innocently but lead to potentially embarrassing situations.
- * *Don't expect others to be like you.* Some patients feel the need to share and believe in the healing powers of community. Others are more reclusive, preferring to keep to themselves. Just

be a friend by maintaining a respectful distance. Your influence *will* make a difference.

* *People come to us at different physical and mental stages of their journey.* Some patients have been through a lot more than others and may even show signs of being clinically depressed. Being insensitive to their condition could hurt their progress.

* *Be careful not to confuse yourself or others.* In your chats, you may find that a patient is receiving a treatment that you are not, or vice versa. Please do not forget that every treatment protocol is personalized to the individual patient, and may involve different treatments. Keep your doctor as your point of reference, not your fellow patient.

* *Do not share your negative burdens with others.* A negative outlook can only hurt you and those around you. Please be mindful to stay positive, upbeat and supportive. Let us take our mind off the disease, and focus it all on recovery!

Can I Leave the Clinic? You must have approval from our medical staff to leave the clinic. Once approved, you are welcome to leave the

clinic for a walk or with the driver as long as it does not interfere with your treatment schedule. You must sign out when you leave and sign in on your return.

Enjoy Baja California! During the day, we hope you take the time for a walk on the beach (but please do wear shoes!). There are a few shops within walking distance, and two small shopping centers nearby. It is quite safe to walk around during the day.

The small fishing village of Rosarito Beach offers great shopping. If you would like to go sight-seeing or shopping in Rosarito Beach, or take a trip down to Ensenada, our driver will be

happy to take you, as long as he is not tied up with other patients or clinic-related work. Please schedule your trip with our receptionist. The movies Titanic and Pearl Harbor were filmed in close by Fox Studios Baja, and you can visit the sets.

Please be careful to only drink bottled water, and do not buy food from street vendors to avoid the possibility of food borne disease. If you want to eat out on the weekends, please speak to our receptionist about recommended restaurants with high safety standards. We hope you take advantage of the culture and enjoy the scenic beauty of Baja.

Life After the Clinic

The Checkout Process and Home Program Support

The Checkout Process. Before you leave, you will go through a series of tests including urinalysis, blood chemistry and additional diagnostic studies with the purpose of comparing with your entry data and measuring your level of response to the treatment.

Your Home Program. Towards the end of your stay, your assigned doctor will finalize your Home Program that will contain a summary of treatments you will continue at home. He will carefully go through your Home Program with you and give you an idea of what to expect from our Home Support Team.

The Home Support Team will assist you with ordering any additional equipment required by your Home Program. By the time you return

home, you should be looking for a package containing your home program supplies.

If Sono or Photo Dynamic Therapy is on your home program, your supplies will include either an ultrasound device or a Photo Dynamic Therapy LED device. The package will also include supplements, pharmaceuticals etc.

Some of these components, such as the ultrasound device, are included in the cost of the therapy, while you may have to pay an additional cost for the other items.

International Patients (living outside USA). International patients will be carrying their initial program with them on their return, to prevent delays that may be caused by international ship-

ping across borders. Prior to your arrival, you would have been asked to bring with you an empty suitcase, set aside for that purpose.

Our driver will let you know what time you need to leave to get to the airport on time to catch your flight. The lines at the border are longer at certain times of the day, so you may be asked to leave a few hours early. Please have your passport / passport card ready prior to crossing the US - Mexico International border.

Home Program Support. Our long term care program (up to one year) consists of the following:

Follow Up Calls: The goal of our follow up calls is to ensure that your recovery is progressing according to plan and to make periodic adjustments as needed.

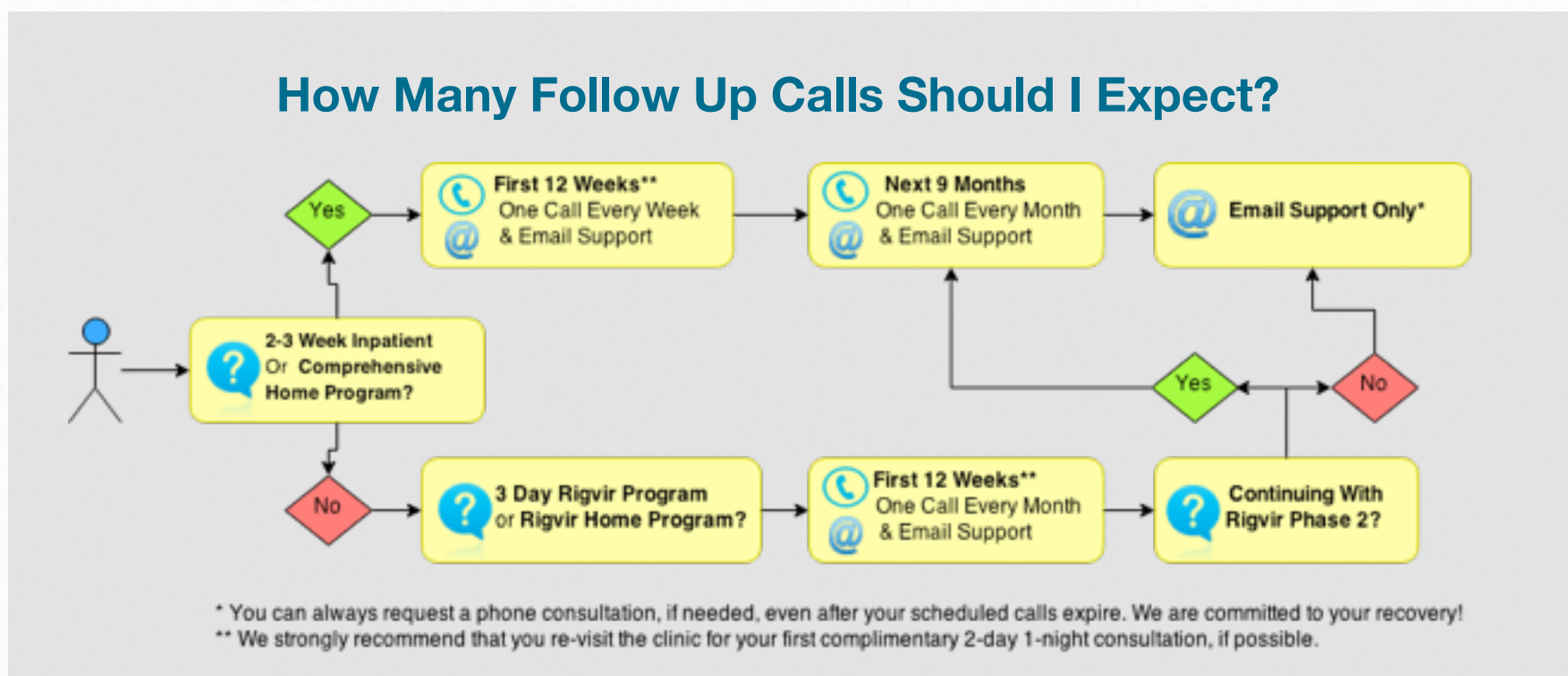
The flowchart below will give you an idea of how many calls to expect from our support team depending on your program. Every active

patient on the program will receive at least 12 weekly calls.

You will receive an email with your appointment dates and times. About 30 minutes before the time of the appointment, you will receive an automated reminder email as well. Please be mindful of the fact that our previous calls may last longer than expected. However, if you haven't received your call within 15-30 minutes of your appointment time, please contact us by phone or email (see *Contact Us* box below).

Reach Out: Please keep in mind that you are *always* welcome to reach out to us by email or phone, even after your one year support period has expired. See the contact us section for convenient ways to reach out to us.

Not For Emergencies: Please note that the Home Support team is NOT equipped to handle emergencies, If you are facing an emergency, please call 911 or visit your local emer-



gency room. Please keep us posted on any developments.

Periodic Tests: You will be required to periodically undertake certain laboratory and diagnostic tests to keep us in touch with your progress. Please check your Home Program for details or ask your consultant.

Complimentary Return Visits: We invite you to return to Hope4Cancer® for complimentary 2-day check ups. Patients on 3 or more week-long programs can come back to Hope4Cancer® at the end of the first quarter following their discharge, followed by another trip at 9 months. Patients on the 3-Day Rigvir® program are entitled to one free visit at the end of 3 months of treatment.

Your free follow up visits will include the following:

1. Color Doppler Ultrasound Evaluation
2. Blood and Urine Laboratory Tests (as prescribed by your physician)
3. Consultation with attending physician.
4. Meals for patient and one companion.

The following are *not included* in the program:

1. Additional treatments (these may be available at extra cost)
2. Hotel and travel costs (we can arrange for your accommodations at a nearby hotel at our preferred rates, at your expense).

Contact Us:

You can reach the Home Support Team using the following contact options:

Phone: (619) 308-7271

Fax: (619) 956-7070

Email: help@hope4cancermx.com

Our office hours are 9 AM - 4:00 PM PST (Monday - Friday).

For urgent questions, ask to speak to the doctor on duty at 619-308-7201.

2

Treatment Philosophy

Seven Key Principles of Cancer Therapy

At Hope4Cancer® we follow Dr. Jimenez's treatment philosophy that involves seven key principles that form the essential guidelines for treating cancer. These seven principles have become the foundation of treatment methods that directly and indirectly affect cancer tumors and heal the body back to its native, non-cancerous state.

PRINCIPLE 1

Non-Toxic Cancer Therapeutics

Our cancer therapeutics attack cells that have changed and are reproducing uncontrollably. Any method or product that attacks cancer cells resulting in their reduced viability or destruction falls in this category. Our therapies and products are perfectly safe to normal cells and will not harm vital, healthy tissues. The products and treatments are not likely to cause side effects either, and are not derived from toxic or poisonous substances. Our therapies have been clinically shown to reverse and stop the spread of cancer while preventing metastases and sustaining improved quality of life and prolonged health.

Examples include Sono-Photo Dynamic Therapy, Rigvir Virotherapy, PNC-27, Hyperthermia, Poly-MVA, Vitamin C and Laetrile.

PRINCIPLE 2

Enhance/Optimize Immune System

Your immune system is your body's protective mechanism, designed to defend against harmful and invasive disease and illness. Under normal circumstances, the immune system is capable of identifying malignant cells and neutralizing them. However, cancer can overcome the body's defenses and compromise the immune system.

At Hope4Cancer® Institute we strengthen and optimize your immune system by using a series of products and techniques that enhance your own system's ability to fight cancer/mutated cells within your entire body. Our immune system enhancement program includes the use of biological vaccines which stimulate and promote an antigen-antibody response. This reaction will selectively attack and destroy cancer cells, the main goal in the fight against cancer.

Some of our immune system restoring treatments include: Biological Vaccines (AARSOTA), Immune Power Plus, and Immuno Imagery. Sono-Photo Dynamic Therapy and Hyperther-

mia are also known to stimulate the immune system.

PRINCIPLE 3

Full Spectrum Nutrition / Alkalinize

In order for your system to be fully effective and achieve optimal health in its fight against cancer, proper nutrition is key. Full Spectrum Nutrition includes dietary intake of foods that contain a balance of compounds present in fresh fruits, vegetables, beans, grains, fish, and plenty of alkaline water.

Clinical experience at Hope4Cancer® has shown that our alkaline oriented nutrition program provides support to the body's immune system. Your treatment protocol may also include the use of supplementation to compensate for specific nutrient deficiencies.

At Hope4Cancer®, every patient goes through a Zyto evaluation that measures supplement compatibility using galvanic skin response patterns. This allows us to pick and choose a highly objective supplement strategy.

PRINCIPLE 4

Detoxification (Heavy Metals/Toxins)

Our bodies are overwhelmed by pollutants which results in its inability to function properly or repair itself. "Toxins contribute to the onset of cancer, therefore removing toxins can cure or reverse cancer."

At Hope4Cancer® Institute we may recommend detoxification treatments for anyone over thirty, or anyone suffering from cancer and other chronic degenerative disease. Overall benefits

of detoxification include helping aging and diseased individuals improve brain function, digestion and absorption of nutrients as well as circulation. Lead and other toxic pollutants are found everywhere, in the air we breathe, the water we drink, even in our food supply. Our detoxification processes involve the removal of harmful metals and minerals from your body, to maintain and enhance normal function and enhance your recovery.

Our detoxification treatments include Coffee Enemas, Near Infra-Red Sauna Therapy and Juice Fasting.

PRINCIPLE 5

Eliminate Microbes/Pathogens

Medical evidence suggests that cancer is a disease partly caused by infectious agents (fungus, viruses, bacteria and other less known pathogens, such as prions and cell-wall deficient forms). As stated by Virginia Livingston, M.D, "The cancer microbe is present in the blood, tissue, excreta, and body fluids of all human beings. When the immune system is functioning normally these microbes do not cause disease. However, when tissue is damaged or weakened, these microbes became aggressive and pathogenic."

At Hope4Cancer® Institute, restoring a balance favoring healthy microflora in the body, particularly the gut, is of great importance in restoring the body to a healthy state.

PRINCIPLE 6

Oxygenation

Increasing oxygen levels, at the cellular site, in an oxygen-starved environment of a diseased

body is an essential factor in reversing the anaerobic process. Many cancer patients are symptomatic of oxygen deprivation through fatigue, weakness, low hemoglobin counts, clumped red blood cells, and anemia. Oxygen is an essential survival nutrient that cells use to generate energy for all their functions. An optimal cellular oxygen environment can result in physiological (normal) life process. Oxygen therapies or oxidative therapies and their therapeutic uses available at Hope4Cancer® Institute include, Intra-venous ozone, ozonated water, stabilized liquid oxygen and topical ozone preparations.

PRINCIPLE 7

Spiritual and Emotional Integrity

Support therapy is necessary for a well rounded treatment approach. It is not wise to treat only the disease, it is best to complete the process and treat the entire being. This means mind, body and spirit. At Hope4Cancer® Institute we provide the most scientifically innovative and effective complementary support therapies. Our support therapies are provided to patients with cancer and other illnesses to increase circulation, oxygenation and promote relaxation. They have been shown to alleviate or cause significant improvement in symptoms such as stress, anxiety, nausea, insomnia, pain, fatigue, and de-

pression. Hope4Cancer uses Recall Healing, a technique that explores the uncovering of past traumas as a means to heal the body of disease caused by consciously or unconsciously harboring traumas.

RECOMMENDED BOOKS & MEDIA

1. "Truth About Cancer" Docuseries by Ty Bollinger, 2014. (DVD & Media Download Set).
2. Sauna Therapy for Detoxification and Healing. By: Lawrence Wilson, M.D. ISBN 0-9628657-6-1
3. The Journey. By: Brandon Bays.
4. The Biogenealogy Sourcebook: Healing the Body by Resolving Traumas of the Past. By: Christian Flèche.
5. Biogenealogy: Decoding the Psychic Roots of Illness: Freedom from the Ancestral Origins of Disease. By: Patrick Obissier.
6. Knockout: Interviews by Doctors Who are Curing Cancer. By: Suzanne Somers.. ISBN 978-0-307-58746-6.
7. The Ancestor Syndrome: Transgenerational Psychotherapy and Hidden Links in the Family Tree. By: Schutzenberger.

3

Non-Toxic Cancer Therapeutics

“Its Kind of Fun to Do the
Impossible.”

– Walt Disney



Sono-Photo Dynamic Therapy Hyperthermia

Local Indiba Hyperthermia

Whole Body Hyperthermia

PNC-27

IV Therapies

PolyMVA

Vitamin C

Laetrile

Insulin Potentiation Therapy

(for Rigvir® Virotherapy, see Section 4)

Introduction

Our non-toxic cancer therapies form the first line of defense and backbone of our treatment strategy. Many holistic treatment strategies rely only on rebuilding and empowering the body through nutrition, detoxification, oxygenation

Once the cancer has established itself, it is important to use treatments that directly treat the main tumor and metastatic centers. Our non-toxic therapies do exactly that.

and other methods. However, once cancer has established itself, it is important to use treatments that directly treat the main tumor and metastatic centers.

The following are the criteria Hope4Cancer® uses in the selection of these therapies?

1. The treatments must be non-toxic, i.e. they need to be able to kill cancer cells without hurting healthy cells.
2. The treatments should not add to the toxic burden of the body through chemical or radiation induced side effects or through the uncontrolled toxic debris caused by malignant cells.
3. The treatments should not result in the stimulation of resurgent cancers.

Chemotherapy and radiation have failed as the standard of care for decades by falling short on all these fronts. In addition to that, the short-

sightedness of thinking of cancer just as a group of malignant cells rather than a whole body process.

We describe some of our key non-toxic cancer therapeutics here. **Please note that you will not be prescribed all these therapies, only a selection personalized to your diagnosis.**

Sono-Photo Dynamic Therapy

Hope4Cancer® is one of three centers in the world where patients can avail of Sono-Photo Dynamic Therapy (SPDT), a highly advanced method of destroying cancer cells. Dr. Jimenez is a recognized world leader in this form of therapy that allows the safe, selective destruction of cancer cells. Radiation therapy, in comparison, destroys both cancer cells and healthy cells, and leaves behind a devastating trail of toxicity. The combination of SPDT with Dr. Jimenez's treatment philosophy is the foundation of what has led to several miraculous testimonials regarding the use of this protocol against cancer without any side effects.

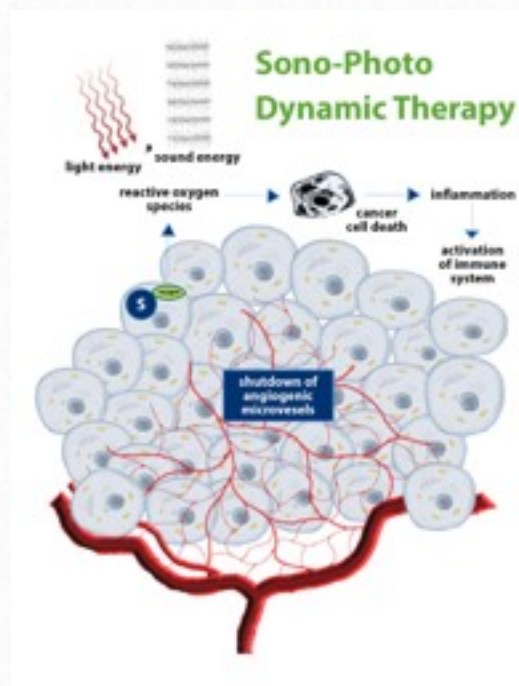
Patients are typically one of the two: Sono Dynamic Therapy (SDT) or Photo Dynamic Therapy (PDT). In certain cases, both therapies, Sono-Photo Dynamic Therapy (SPDT), are prescribed. Please refer to your personalized treatment plan for more information.

SP-Activate, Non-Toxic Sensitizer. The first step in Sono or Photo Dynamic Therapy is the administration of SP-Activate, our non-toxic sensitizer that responds to both specific wave-

lengths of light and sound. SP-Activate is made from algae and is rich in chlorophyll.

1. **Administration.** Place the SP-Activate powder under the tongue and allow it to absorb sublingually.
2. **Loading Dose.** First dose is larger and will be given to you in the first two days at the clinic. After a 24 hour waiting period, you will undergo daily treatments with light and/or sound waves.
3. **Weekly Booster Dose.** After the first two weeks, you will take a smaller weekly booster dose. Continue this dose for the entire length of your treatment, which is typically **one year**.
4. **Missed a Dose?** If you missed a dose, and the delay hasn't been longer than one week, you can simply take the next booster dose, and continue weekly again. If the delay has been longer than one week, you will need to take the loading dose again. Please check with home program support to ascertain your exact loading dose. *It is important that after you take the loading dose you wait for 24 hours before resuming sound or light treatments.*

How It Works. SP-Activate stays absorbed in cancer cells but is quickly released by healthy cells. When exposed to the correct light and sound frequencies, SP-Activate “explodes” into free radical oxygen, which destroys the cancer cells. The death of the cancer cells creates an inflammatory process that attracts the immune system soldier cells to get involved in the process.



SPDT is a non-invasive, non-toxic therapy that can destroy cancer cells without causing side effects. SPDT has been successful for the treatment of pa-

tients with many cancers, including those with advanced metastases. It is necessary to combine SPDT with other Hope4Cancer® therapies for maximum effect.

Sono and Photo Dynamic Therapy have been known for years as separate procedures, with about 3000 published articles. Older versions of this therapy required injection of toxic photosensitizers. Our non-toxic sensitizer, SP-Activate does not show side effects, even after long term use. The ability to use this treatment long-term along with the synergistic influence of the other Seven Principles-based therapies, makes SPDT one of the most effective and safest methods to treat cancer.

Energy Source. The sensitizer requires specific energy frequencies for activation, which it does in the presence of oxygen. At the clinic, we use the following energy sources:

Light treatment bed fitted with full spectrum light, which illuminates the whole body.

An L.E.D. (light emitting diode) energy source which provides penetrative, pulsed light at spe-

cific frequencies and intensity. The pad is placed over the affected areas.

An ultrasound device that generates low-intensity ultrasound energy.

Sono Dynamic Therapy (SDT) is administered by using an ultrasound device. The sound waves work best by using a gel over the affected areas and passing the ultrasound probe over it. The gel conducts the sound waves, which penetrate the body. Water is also a very good conductor of sound, which means that the patient can continue the ultrasound therapies at home with the affected areas immersed in the tub while passing the ultrasound wand over it. Sono Dynamic Therapy is used mainly to treat deep-seated tumors because of the penetrative effect of sound waves.

Photo Dynamic Therapy (PDT) Our proprietary, advanced light emitting diode pads (L.E.D. Pads) use pulsed light technology, at two specific SP-Activate activating wavelengths. This allows for much deeper penetration of light into the body compared to what can be accomplished with other commercial light sources.

You will return home with either an LED Pad or an ultrasound device which is included in the cost of the program. Both these devices are highly portable, making your treatment both effective and convenient. Depending on the spread of the cancer, your doctor may on occasion add both SDT and PDT to your treatment plan. The cost of the additional device or any upgrades to the LED pad are charged separately.

Hyperthermia

What Is Hyperthermia? Hyperthermia is a type of treatment in which body tissue is exposed to high temperatures (up to 104°F), to damage and kill cancer cells, or to make cancer cells more sensitive to the effects of radiation and certain anticancer drugs.

Local hyperthermia treatment (heat applied to a very small area, such as a tumor) is a well-established cancer treatment method with a simple basic principle of raising the temperature in cancer cells to trigger cell death. At Hope4Cancer®, we treat the body locally for a period of up to 30 minutes every day. Every other day, we treat the whole body for a period of up to 45 minutes, depending on patient tolerance.

Primary malignant tumors have poor blood circulation, which make them more sensitive to changes in temperature. In local hyperthermia, heat is applied to a small area, such as a tumor, using various techniques that deliver energy to heat the tumor. While different medical facilities use different types of energy sources such as microwave, radio-frequency, and ultrasound, our preferred method uses radiofrequency as the source of energy.

INDIBA Local Hyperthermia. Hope4Cancer® Institute uses the INDIBA radio frequency method as the preferred approach to local hyperthermia. Through the INDIBA method, energy from a radio frequency current is directly dissipated in depth inside the tissues between the electrodes. This, in a comparison with heating obtained via external heat sources, avoids the need to go through the skin barrier, which

would typically waste a large proportion of the generated energy.

In comparison with other techniques using radio frequencies, the low frequency used by the INDIBA equipment avoids contraindications like the presence of metal prostheses, use on eyes, varicose veins, scalp, and other sensitive areas which can be successfully treated. INDIBA treatment units employ either capacitive or resistive currents to induce deep regional hyperthermia. The concentration of power and the increase in temperature is obtained internally in the areas where the movable electrode is placed. Vasodilation is induced with the result that blood circulation is improved. The patient therefore does not experience the unpleasant sensation of being treated with an electric current and, as a result, there is a high patient tolerance for the treatment. Moreover, there are no known side effects.

Oncological action of INDIBA hyperthermia.

Cancerous tissues show greater heat sensitivity due to their state of chronic ischemia and hypoxia in acidic pH conditions. The repeated application of hyperthermia between 102 – 104 degrees Fahrenheit leads to inhibition of cancer cells replication, as well as impairment in their function leading to their death. The blockage of cancer cell replication seems to be due to a disruption in the synthesis phase of DNA (S-phase of the cell cycle).

Hyperthermia can facilitate apoptotic self-destruction of cancer cells, which are usually disabled in tumor cells.

The “athermic” effect of the INDIBA RF generator on cell cultures has shown a significant decrease of the cancer cell population and no un-

desirable effects on normal cells. This is related to changes of the electrical potential of the cancerous tissues that makes them more susceptible to the INDIBA radio frequency range, which is safe for healthy cells.

The INDIBA procedure also results in:

- Increased blood and lymph circulation.
- Increased oxygen pressure.
- Decrease in carbonic acid production and decrease in tissue acidity.
- Increase in internal temperature.
- Revitalization at a cellular level.
- Increased local activity of the immune system.

Whole Body Hyperthermia. Whole body hyperthermia involves raising the temperature of the entire body. The use of both local and whole body hyperthermia provides an excellent combination to create sustained hyperthermic conditions that can impact the destruction of cancer cells locally and systemically.

For whole body hyperthermia, the patient is placed in an insulated chamber (head is maintained outside) and the chamber temperature is raised to between 102 - 104 degrees Fahrenheit. The goal is to raise the oral temperature of the body to about 101-103 degrees Fahrenheit for the greatest part of a 45 minute cycle. Depending on physique and overall body fat, the temperature may go up by 1-2 degrees on top of that. Body temperature is typically 1-2 degrees higher than the oral temperature. Oxygen is introduced through a nasal cannula. The procedure is painless and is performed as part of your daily routine at the clinic, every other day.

PNC-27

See Chapter 5.

IV Therapy Program

Dr. Jimenez's Exclusive IV Therapy Program.

Because of the nature and extent of their disease, some of our patients may be recommended to go through intravenous administration of our exclusive IV treatments in addition to other protocols. If you have been prescribed IV therapies, your treatment protocols might be quite different from that of other patients.

Dr. Jimenez's unique combination of IV treatments include the following:

Poly-MVA. Palladium Lipoic Acid complex, a liquid dietary supplement that contains various minerals, B complex vitamins, palladium, amino acids and lipoic acid.

Laetrile. A combination of two parts glucose, 1 part hydrogen cyanide and 1 part benzaldehyde. The product takes advantage of the presence of a key enzyme in cancer cells to exhibit its cancer eliminating benefits.

Vitamin C. Vitamin C is recommended as an adjunct and integral component of any cancer regime, not as the sole treatment for cancer. Vitamin C has been shown to enhance and potentiate the effects of traditional cancer treatments, including radiation and chemotherapy.

Double Helix Water. Discovered in the late 1990s, Double Helix Water is the fourth state of water - stable water clusters. These clusters have been shown to have unique biological

properties, fundamentally important to the function of the body at the level of the DNA.

POLY-MVA. Dr. Jimenez is one of the most experienced physicians worldwide in the use of this unique anti-cancer therapy known as Poly-MVA. Poly-MVA is a liquid dietary supplement that contains various minerals, B complex vitamins, palladium, amino acids and lipoic acid. The "MVA" stands for minerals, vitamins and amino acids.

Non-Toxic Alternative to Chemotherapy. Poly-MVA is a non-toxic alternative to chemotherapy. The main ingredient of Poly-MVA is lipoic acid-palladium complex which is claimed to alter the electrical charge of DNA molecules and other parts of cells helping repair damaged DNA. This causes cancer cells to self-destruct by apoptosis. Palladium allows lipoic acid, an antioxidant, to reach cells in the body it could not otherwise reach. The other components of Poly-MVA complement these actions and help restore nutrients needed for energy. It is recommended as a way to prevent or treat cancer in both early and advanced stages of the disease.

Poly-MVA is effective against several types of tumors and helps people regain energy and appetite. Poly-MVA may improve quality of life, especially in those undergoing chemotherapy or radiation therapy. It may lead to longer survival.

Poly-MVA has also been reported to be useful in other conditions, including asthma, psoriasis and chronic fatigue syndrome.

Poly-MVA can be given concurrently and synergistically along with radiation therapy and chemotherapy. Any reports that the antioxidant effects of Poly-MVA can interfere with the effects

of these therapies does not have any scientific validation. In fact, UCLA's Dr. Jerome Block of the Harbor-UCLA Medical Center has done extensive research showing that antioxidants such as Poly-MVA do not inhibit the effect of chemotherapy, and can therefore be used concurrently. In fact, patients undergoing chemotherapy or who have undergone radiation therapy within the last 6-8 weeks, may greatly benefit from the restoring effects of Poly-MVA.

In our experience, we have never witnessed any side effects to Poly-MVA. Like any other product, there is always the possibility of individual-specific allergic reactions.

This product has been shown to be able to pass through the blood-brain barrier and also get to Acute Lymphocytic Leukemia (ALL) bone marrow cancer.

At Hope4Cancer®, Poly-MVA is given to the patients via an IV drip. The solution is made in 100 cc of saline, at a dose determined by the medical staff. The dosage is dripped into the patient over one hour. The medical team may also recommend oral Poly-MVA instead of or in combination with IV Poly-MVA.

Laetrile (Vitamin B-17). Laetrile (Vitamin B-17) is a molecule that combines 2 parts glucose, 1 part hydrogen cyanide and 1 part benzaldehyde (analgesic/painkiller). When B-17 is introduced to the body, it is broken down in healthy cells by the enzyme rhodanese. Rhodanese breaks the hydrogen cyanide and benzaldehyde down into 2 by-products, thiocyanate and benzoic acid, which are beneficial in nourishing healthy cells and forms the metabolic pool production for vitamin B-12. Any excess of these

by-products is expelled in normal fashion from the body via urine.

Vitamin B-17 passes through your body and does not last longer than 80 minutes as a result of the rhodanese breaking it down. (hydrogen cyanide has been proven to be chemically inert and non-toxic when taken as food or refined pharmaceutical such as laetrile). Sugar has been shown to be 20 times more toxic than B-17.

The metabolism is different in cancer cells, which do not have rhodanese to break it down and neutralize it. Cancer cells contain the enzyme beta-glucosidase in large quantities. When B-17 and beta-glucosidase come in contact with each other, a chemical reaction occurs and the hydrogen cyanide and benzaldehyde combine synergistically to produce a toxin which kills the cancer cells. This "selective" toxicity ensures that only cancer cells are targeted and destroyed.

At Hope4Cancer®, laetrile is administered by IV push, or taken orally in pill form. The method used and dosage is determined by the medical team.

Vitamin C. The delivery of vitamins intravenously helps bypass the digestive system that is often impaired in patients with chronic diseases. At Hope4Cancer®, intravenous administration of Vitamin C is a preferred therapy against cancer.

The body has two intrinsic lines of defense against the growth of a tumor, both of which involve Vitamin C:

1. The first is our immune system. Even after the most successful surgery, radiation or chemotherapy exercise, some cancer cells are bound to remain. It is our immune system that hunts down these cells and kills them. Vitamin C is required to mobilize specialized cells that fight cancer and other infections too. Under severe duress, the immune system is challenged and needs high amounts of Vitamin C. In a nutritionally deficient body, the supplies of Vitamin C dwindle, resulting in unstoppable growth of tumors.
2. Cancer cells secrete an enzyme, hyaluronidase, that breaks down the collagen-hyaluronic acid cement that holds all our cells together. Vitamin C is required for the development of collagen and the fibrous matrix. This is why it is so important to all tissue-related problems, including disc injuries, gum problems, vascular diseases and even skeletal problems.

Double Helix Water. A unique product was discovered in the 1990s that appears to have its genesis in the beginning of life itself. What is even more intriguing is that it is made of nothing else but ubiquitous water molecules.

New technology has uncovered a fourth state of water that is different from the ones that we are used to, namely, solid, liquid and gas. In this newly discovered form of water, a unique arrangement of water molecules forms a double helix coil, similar to the macro-structure of DNA. This type of water is a solid even at room

temperature, and has unique biological properties, quite in the way that a protein has unique characteristics from its component amino acids.

Nothing heals better than nature itself - its infinite wisdom is locked in a unit of intelligence that has billions of years of experience in healing and propagating the life it creates - this unit we know as our DNA. The ability for the body to cause repair comes from information present in the DNA itself. Disrepair can be narrowed down to a reducing ability for the DNA to cause repair. Double helix appears to be closely associated with DNA function.

In numerous studies, the importance of double helix water is becoming progressively clearer. In 2013, a Symposium was organized in the California Institute of Technology (CALTECH), Pasadena. This was the same symposium where Dr. Antonio Jimenez, MD made a defining talk which led to the publication of a peer reviewed paper on the *Seven Key Principles of Cancer Therapy*.

Seven peer reviewed published medical papers came from that symposium on the subject of Double Helix Water, with the most groundbreaking paper coming from Dr. Benjamin Bonavida, at the Department of Microbiology, Immunology & Molecular Genetics at UCLA. His study focused on the responsiveness of stable water clusters on human cancer cells. The preliminary findings revealed treatments with water containing stable water clusters affect cell viability, in-

hibit cell proliferation, upregulate death receptors, sensitize the cells to immune death ligand, and induce selected gene modifications that regulate the apoptotic pathway.

At Hope4Cancer®, we include Double Helix Water in our *Exclusive IV Therapy Program*.

Insulin Potentiation Therapy

Insulin Potentiation Therapy (IPT) was developed in 1926 but it is finding prominence today in the treatment of a variety of diseases including cancer, arthritis as well as respiratory, neurological, cardiovascular and infectious diseases. Many successes have been recorded in the treatment of cancer.

Rationale for IPT. IPT uses insulin to lower the glycemic status of a patient to a deep hypoglycemic state. In this state, the ability of cells to absorb chemotherapeutic agents is greatly enhanced. This allows low dosages of chemotherapy agents to be used to have a significant impact against cancer cells.

Insulin attaches to insulin receptors on the cell surface and is hence a crucial messaging and transporter hormone in the body. Insulin acts as a transporter of nutrients from the blood into cells. By docking into the insulin and IGF receptors, it opens the cell to transport glucose through its membrane to provide the cell energy. Cancer cells have considerably more insulin receptors than normal cells, since they utilize glucose at a much higher rate than normal cells. This allows them to multiply rapidly as they form tumors.

Just as insulin can open the doors to nutrient absorption by cells, the same way it also opens the doors to the transport of chemotherapeutics into the cell. The large number of receptors on cancer cells leads to highly enhanced uptake of the drugs in cancer cells.

The added vulnerability of cancer cells because of insulin potentiation allows lower doses of chemotherapy, which in turn reduces its ability to cause side effects on other rapidly growing healthy cells in the body such as hair, red and white blood cells.

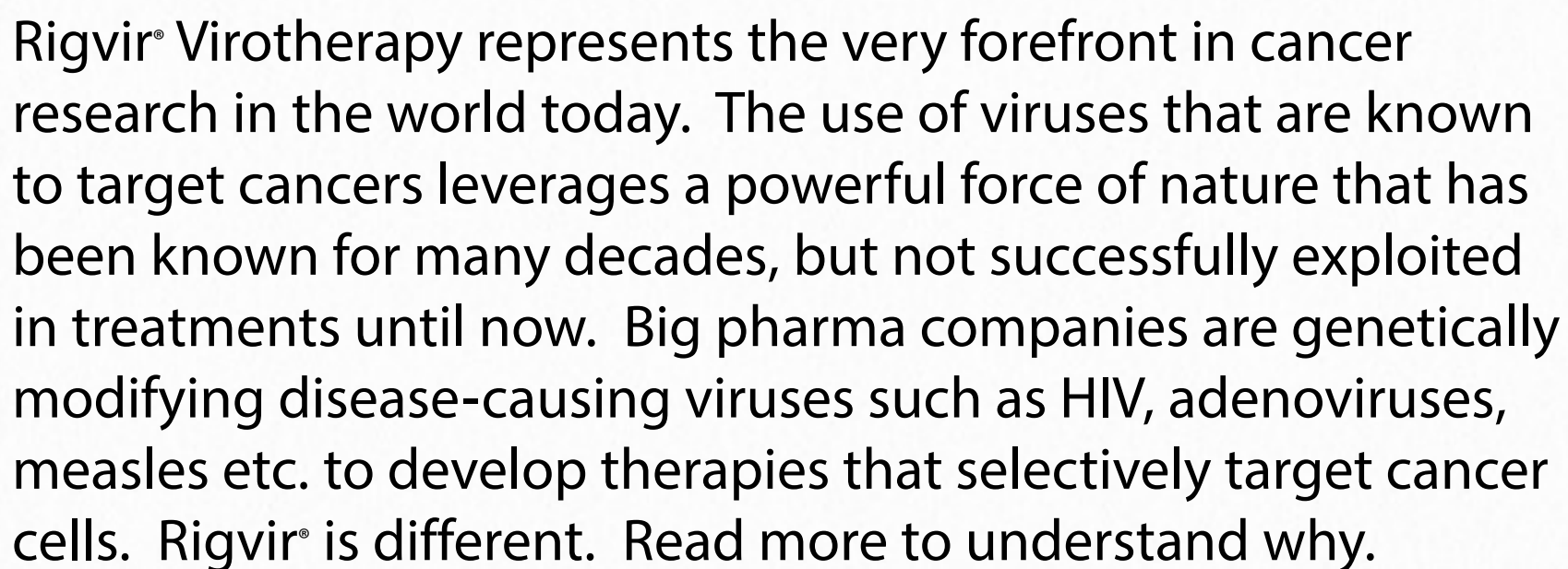
How & Why We Use IPT at Hope4Cancer®.

This is an important question to answer for patients who are expecting zero chemo treatment plans. At Hope4Cancer®, we do not take the use of any chemotherapy lightly. That is why IPT is used on a limited basis at Hope4Cancer® for the following reasons:

1. IPT utilizes the benefits of chemotherapy while minimizing the side effects. Low doses of chemotherapy, with only a few administrations (typically a total of 3 administrations) is all that is needed to deliver targeted cancer-killing effects.
2. IPT is used only in scenarios in rapidly progressing and/or bulky tumors where the doctors assess that rapid reduction of tumor mass may be necessary for survival of the patient. The use of IPT in this scenario is greatly beneficial over invasive surgical options, full fledged chemotherapy or radiation. It also opens a window to follow up with milder, non-toxic treatments which can be used in the long term.

Rigvir® Cancer Virotherapy

– Anonymous



A new treatment is quietly ushering in a new era in cancer therapy that is shaking up the status quo. This science-based therapy simultaneously targets cancer cells, awakens the dormant (or suppressed) immune system and leaves healthy cells untouched. Clinically tested

The Rigvir® virus simultaneously targets cancer cells, awakens the dormant immune system and leaves healthy cells untouched - all without the need for genetic modification or the fear of causing any disease.

on approximately two thousand patients, this treatment offers a proven promise of efficacy, selectivity and safety that has remained elusive in the existing spectrum of cancer treatments.

Big pharmaceutical companies consider this technology the wave of the future in cancer therapy. However, the future of cancer therapy is available now at Hope4Cancer® Institute.

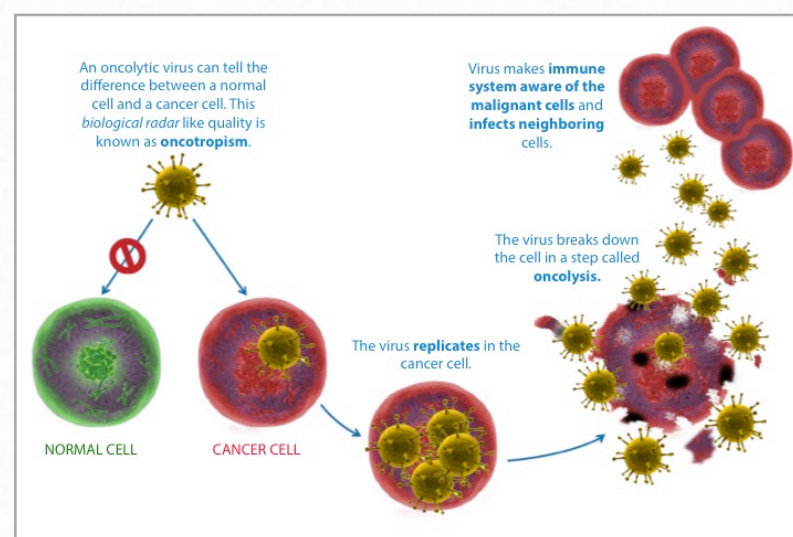
Rigvir® belongs to a family of tiny RNA viruses called ECHO viruses that were discovered to exist in the intestines of young, healthy children. During a fascinating research journey that started in the 1950s (download a free e-book for details), the ECHO-7 virus, that was later named Rigvir®, became the center of interest in a Latvian research center under the guidance of the visionary Dr. Aina Muceniece.

Hope4Cancer®: The Only Center in the Western Hemisphere for Rigvir® Virotherapy. In

2014, Hope4Cancer® signed a significant cooperation agreement with the Latvian Virotherapy Center. On the basis of this agreement, Hope4Cancer® has become the center for development of Rigvir® Virotherapy and is the exclusive provider of the treatment in Mexico. This has effectively made Hope4Cancer® the only access point for Rigvir® Virotherapy in the Western hemisphere.

How it Works: Oncotropism and Oncolysis.

Rigvir® is gifted with oncotropism, a natural property of certain viruses that view cancer cells as a homing signal, which they target with laser-like precision. Once inside the cancer cell, Rigvir® divides and breaks down the cell in a process called oncolysis (see below). It then infects nearby cancer cells.



Rigvir's Mechanism of Action

Oncolytic viruses like Rigvir® affect approximately 10,000 cancer cells for every 1 healthy cell.

Rigvir®'s special targeting properties leave the patient's healthy cells, tissues and organs unharmed. This translates to virtually no side effects and a sustained quality of life.

In a preliminary study that included 55 patients (78% of them at Stage 4) at Hope4Can-

cer® Institute we have found that 91% of our patients report sustained or improved quality of life following Rigvir® therapy.

Rigvir® is unique among oncolytic viruses in its ability to exhibit its anticancer activity without causing any other disease. In a race to develop virotherapies, many pharmaceutical companies are genetically modifying highly pathogenic viruses (measles, herpes, common cold etc.) to accomplish their objectives. Rigvir®, on the other hand, is effective as a natural, non-pathological, genetically unmodified virus.

Rigvir® as an Immunotherapy. Rigvir® has one more important ace up its sleeve. Cancer cells have an ability to cloak themselves from the body's immune system, which explains why people with functional immune systems can still harbor cancer. Rigvir® unveils this hiding mechanism. The immune system can now detect and target the "visible" cancer cells, multiplying the effect of the therapy. The reactivated immune system also gets to work by eliminating toxic waste materials from cellular debris.

One of the biggest side effects of the existing standard of care is the dangerous suppression

of the immune system, making the patient prone to secondary infections and even recurrent cancers. In contrast, by revitalizing the immune system, Rigvir® restores balance in a body affected by the chaos of cancer.

Validated by Clinical Studies for Efficacy and Safety.

Clinical studies on approximately two thousand patients demonstrate doubling or tripling of 3-5 year survival rates compared to standard therapies, even for metastatic cancers without any harmful side effects. The figure below shows the image of a man with widespread melanoma with obvious results after Rigvir® treatment. You can see details about the data by downloading our ebook from:

<http://page.hope4cancer.com/rigvir-ebook-download/>

Cancers Treated. A variety of cancers have been shown to be sensitive to Rigvir® treatment including but not limited to the following: melanoma, breast cancer, prostate cancer, pancreatic cancer, liver cancer, colon cancer, bladder cancer, kidney cancer, uterine cancer, stomach cancer, rectal cancer, lymphosarcoma, angiosarcoma, rhabdomyosarcoma and reticulosarcoma.



Advanced Metastatic Melanoma Cancer Patient Shows Radical Improvement Two Years After Rigvir® Virotherapy (Photo courtesy of the Latvian Virotherapy Center).

Rigvir® at Hope4Cancer®

Each dose of Rigvir® Virotherapy is administered as an individual intramuscular injection. The first phase of treatments included in your treatment program consists of 14 injections that are delivered over the first 3 months in accordance to a schedule that will be discussed with you by our Rigvir® specialist.

Depending on your condition, your Rigvir® treatment can consist from 1 to up to 3 phases. In between, your medical team will evaluate your progress and recommend the next phase if they deem it necessary. Please note that while the first phase is included in the initial treatment package costs, additional phases will be at an additional cost.

Rigvir® is incorporated into our treatment program as follows:

- A. **Comprehensive 2/3 Week In-Patient Program.** In this program, you will receive the first phase of 14 Rigvir® injections as a part of your treatment program, that also includes 2 to 3 weeks of additional treatments, diagnostics, consultations and evaluations at Hope4Cancer® Institute.
- B. **3-Day Rigvir® Only Out-Patient Program.** This program includes 3 clinic half-days as an out-patient during which you will receive your first 3 out of 14 Rigvir® injections, an ultrasound, EKG, our blood test panel, a consultation and seminar with our Rigvir® specialist. Our specialist will educate you on how to administer the remaining Rigvir® shots at home which will continue over a period of 3 months.

Patient Training and Home Program Support:

As a Rigvir® patient, your program includes private consultations and a Rigvir® seminar with our dedicated Rigvir® specialist. Our goal is to educate you so that you can continue your treatment once you return home.

Weekly Home Program Calls. For both programs, you will receive 12 weekly calls from our home program support staff for the first 3 months of your home program. During these calls you can get your questions answered and keep us posted of your progress.

Return Visits to Hope4Cancer®. Rigvir® patients on the 2-3 week program will have the opportunity to return to the clinic twice at about 3 and 9 months after discharge. This gives us the ability to regularly monitor your progress and make adjustments to your home treatment program as deemed necessary.

Rigvir® patients on the 3-day program get one complimentary evaluation included timed at about 3 months after their discharge.

We strongly encourage you to take advantage of these return visits. Patients who avail of their return trips on the average demonstrate the best results. It takes commitment and proper guidance to overcome cancer, and we are committed to help you through programs like this.

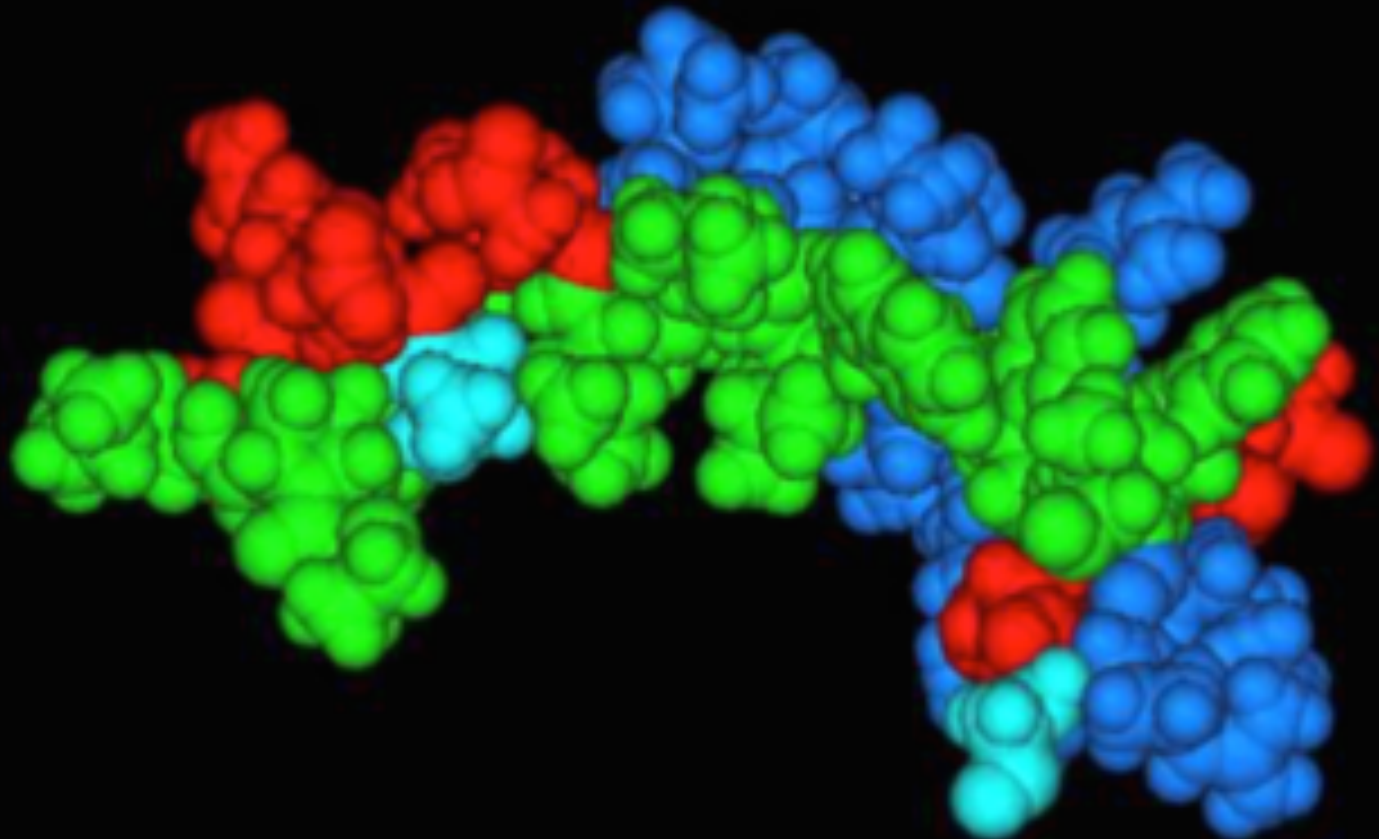
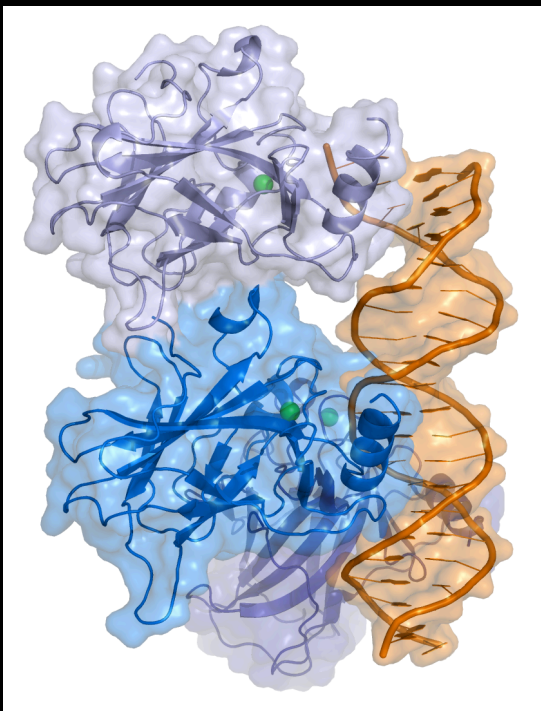
Email Support: Email support will be available indefinitely to all patients. Please feel free to contact us whenever you need to discuss anything.

6

PNC-27

**“The Only Way to Discover
the Limits of the Possible is
to Venture a Little Way Past
Them ... into the Impossible.”**

– Arthur C. Clarke



PNC-27 is a unique, non-toxic cancer therapy available at Hope4Cancer Institute. Backed by years of the highest quality scientific research, PNC-27 adds tremendous value to Hope4Cancer's treatment program. PNC-27 directly affects the cancer cells by binding to their cell membrane and puncturing them, leading to cell lysis and necrotic death. PNC-27 can be combined with other Hope4Cancer treatments and detoxification routines. Done properly, patients experience minimal to no side effects.

PNC-27 belongs to a family of PNC peptides and proteins that have proven effective across a range of cancer cell types. These peptides have a unique mechanism that allows them to affect only cancerous cells, leaving healthy cells alone. The selectivity is highlighted by the fact

PNC-27 is a scientifically designed and validated cancer treatment. The mechanism of action ensures that only cancer cells are targeted, not healthy cells. PNC-27 is effective against most forms of cancers at all stages.

that PNC peptides are used to identify cancerous cells. The test is simple: if the cell survives, it is not cancerous; if it dies, it was cancerous.

PNC-27 was developed in the laboratories of Dr. Mathew Pincus who worked in collaboration with many well known scientists on this project. The product became the topic of a TEDx talk delivered by Dr. Sarafray-Yazdi, one of the collaborators

on the seminal paper published in one of the world's most prestigious journals - the *Proceedings of the National Academy of Sciences*.

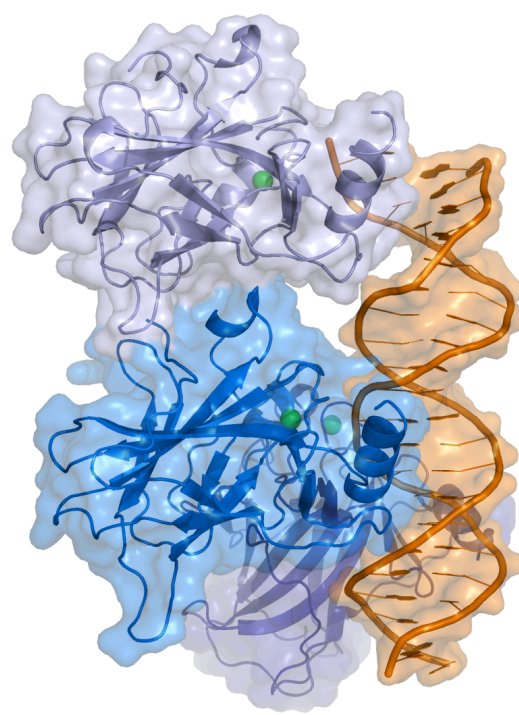
Designed Based on p53 - Guardian of the Human Genome. The p53 gene was misunderstood as a cancer trigger about two decades ago. Now it is known that p53 is the body's ultimate tumor suppressor gene that fights for us everyday by repairing DNA damage in cells. In



Dr. Sarafray-Yazdi steps up to deliver his TEDx talk on PNC-27. You can listen to his talk on pnc27.com.

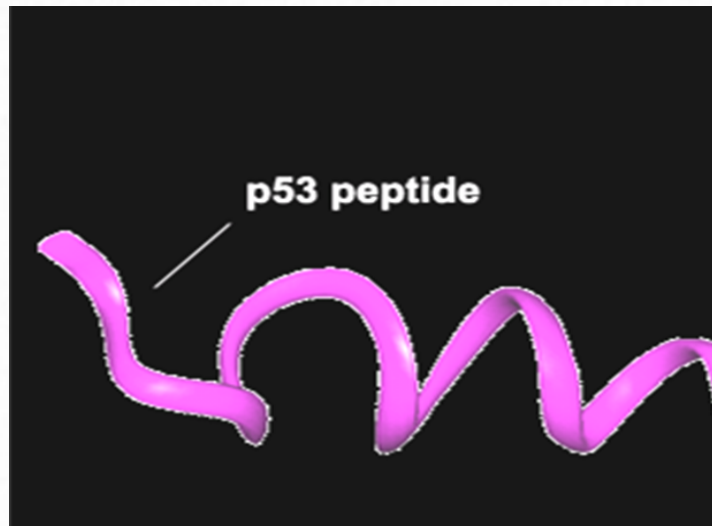
cells that are beyond repair, p53 initiates a cell death program, which ensures that malformed cells do not turn into cancer cells.

The p53 protein binds to a kinase type of protein present in the nucleus of cells, known as HDM-2 (you may see it also referred to as MDM-2, which is the general mammalian version of the protein). Scientists have studied the structure and three-dimensional shape of p53, trying to decipher what is necessary to bind to HDM-2 and have designed molecules mimicking their findings. Pincus and his team used supercomputer modeling to study the structure and shape of these molecules, and designed the PNC peptides based on their findings.

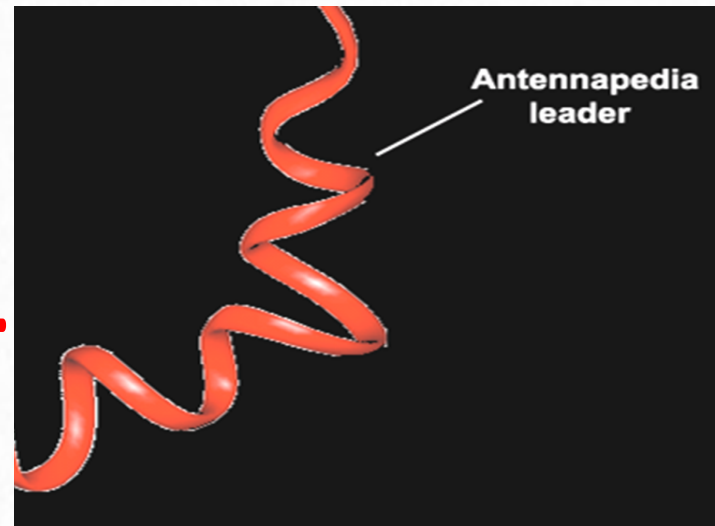


A simulation model of protein p53 (purple) binding to DNA in an attempt to repair damage.

PNC-27: Combination of Two Components



Small Section of p53 Peptide that Binds HDM-2



Cell Membrane Penetrating Leader Sequence

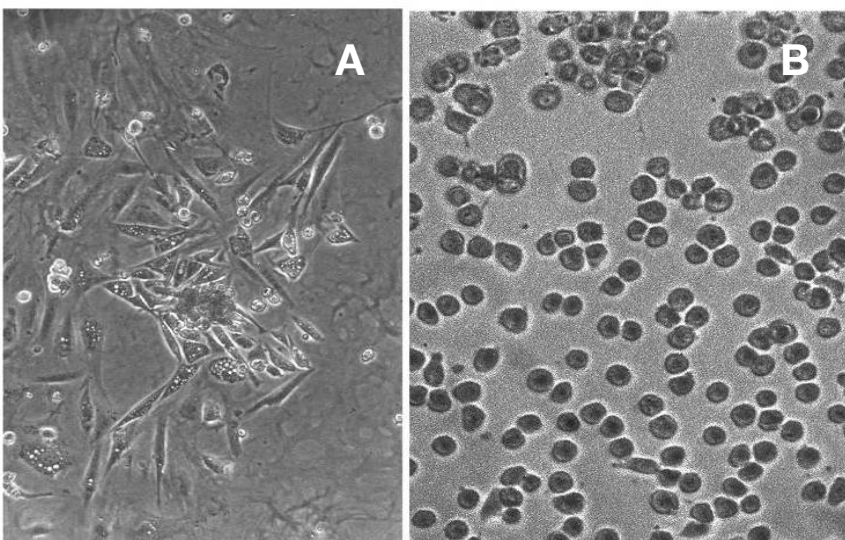
However, there were a big problem with this approach. In many cancers, the p53 gene is altered to yield p53 proteins that are ineffective in their ability to heal DNA or induce cell death. So, blocking HDM-2 does not help.

Mechanism of Action of PNC-27. Interestingly, the mechanism of action of PNC-27 is different from what it may have been originally intended. PNC-27 was designed with a portion of a peptide that mimics the binding domain of p53 with HDM2 (p53 component in image above). This peptide fragment was combined with a penetrating leader sequence from a known protein that can penetrate cell membranes (antennapedia leader in image above).

In a seminal paper published in the *Proceedings of the National Academy of Sciences*, Sarafray-Yazdi and co-workers showed that cancer cells over-express either HDM-2 or a protein very similar to HDM-2 in their cell membranes. The PNC-27 peptide binds to this protein - and then something interesting happens.

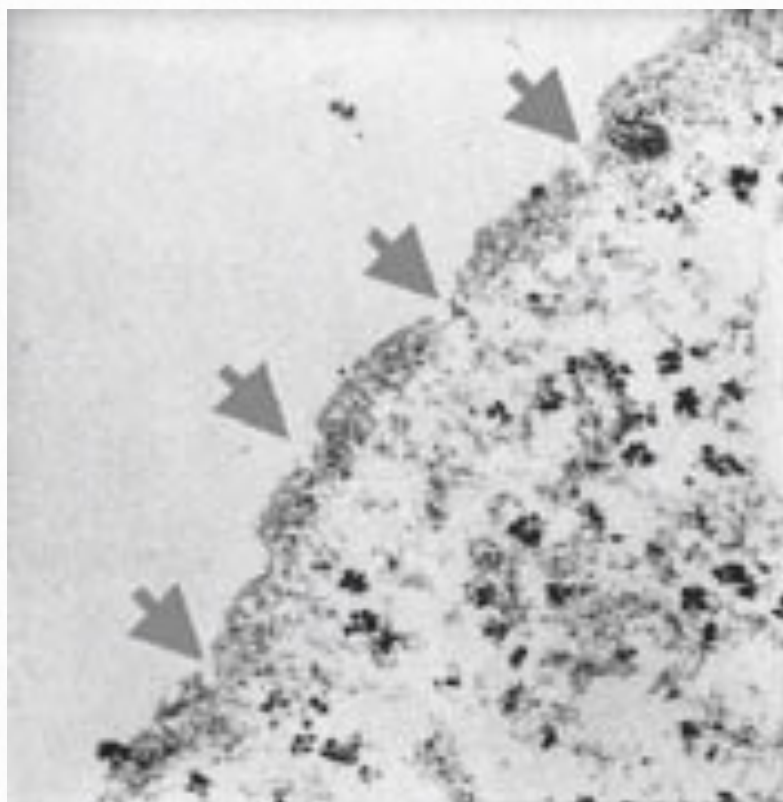
The penetrating leader sequence perforates the cell membrane wherever four units of PNC-27 are bound in the same location on the cell membrane. This perforation allowed liquid from outside the cell to leak into the cell, destroying the integrity of the cell and triggering cell death through a process called necrosis.

In Vitro Studies. PNC-27 has been tested in many different cancer cell lines including both



Electron microscopy images taken 72 hours after treatment of nude mice that were implanted with human pancreatic cells in their peritoneal cavities. (A) Control treatment showed abundant presence of tumor cell clusters. (B) Cells treated with PNC-27 are shown to be devoid of any tumor cells.

sensitive and drug resistant forms of breast, colon, pancreatic, ovarian and lung cancer, as well as melanoma, angiosarcoma, osteosarcoma and others. Using spinning disc confocal microscopy, 100 percent out of a million cells of each cell type were killed by PNC-27 within



The arrows point to the places where the penetrating leader sequence of PNC-27 successfully created pores through the lipid bilayer of the cell membrane after the p53 mimicking peptide unit binds to the HDM-2 protein.

time frames that ranged from 30 minutes to 72 hours. In melanoma cell lines, the surface of cells appeared devastated within the short span of 3 minutes. This study not only attested to PNC-27's effectiveness against a variety of cancers, but also to its ability to kill large populations in a short time.

The above image shows a ruptured cell membrane after exposure to PNC-27.

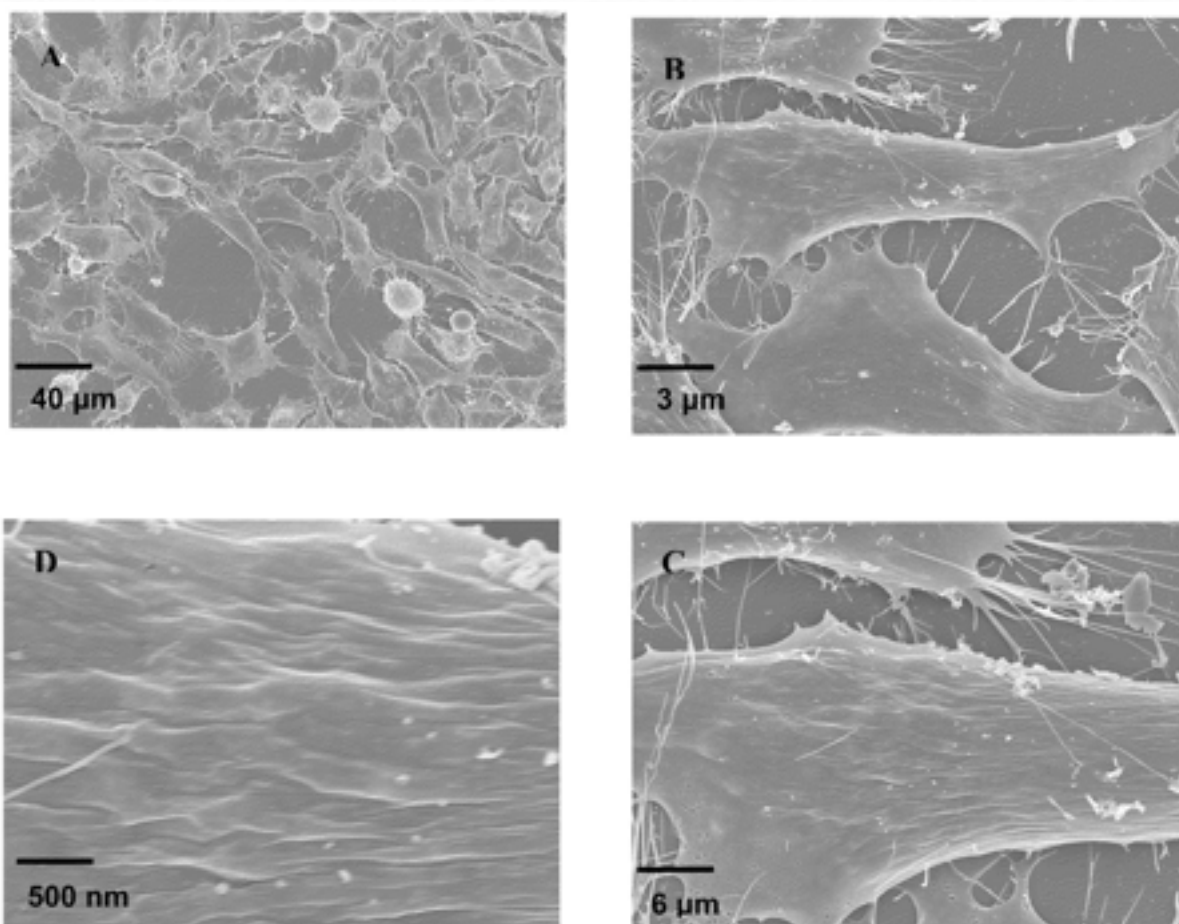
In the next page, scanning electron microscopy images of pancreatic cancer cells are shown that contrast PNC-27 treated and untreated cells. The profound effects of PNC-27 are immediately obvious.

Animal Studies. Studies were conducted on 14 primates to determine the safety of PNC-27. The treatment was found to be safe in the studies with no effects observed on the hematopoietic system.

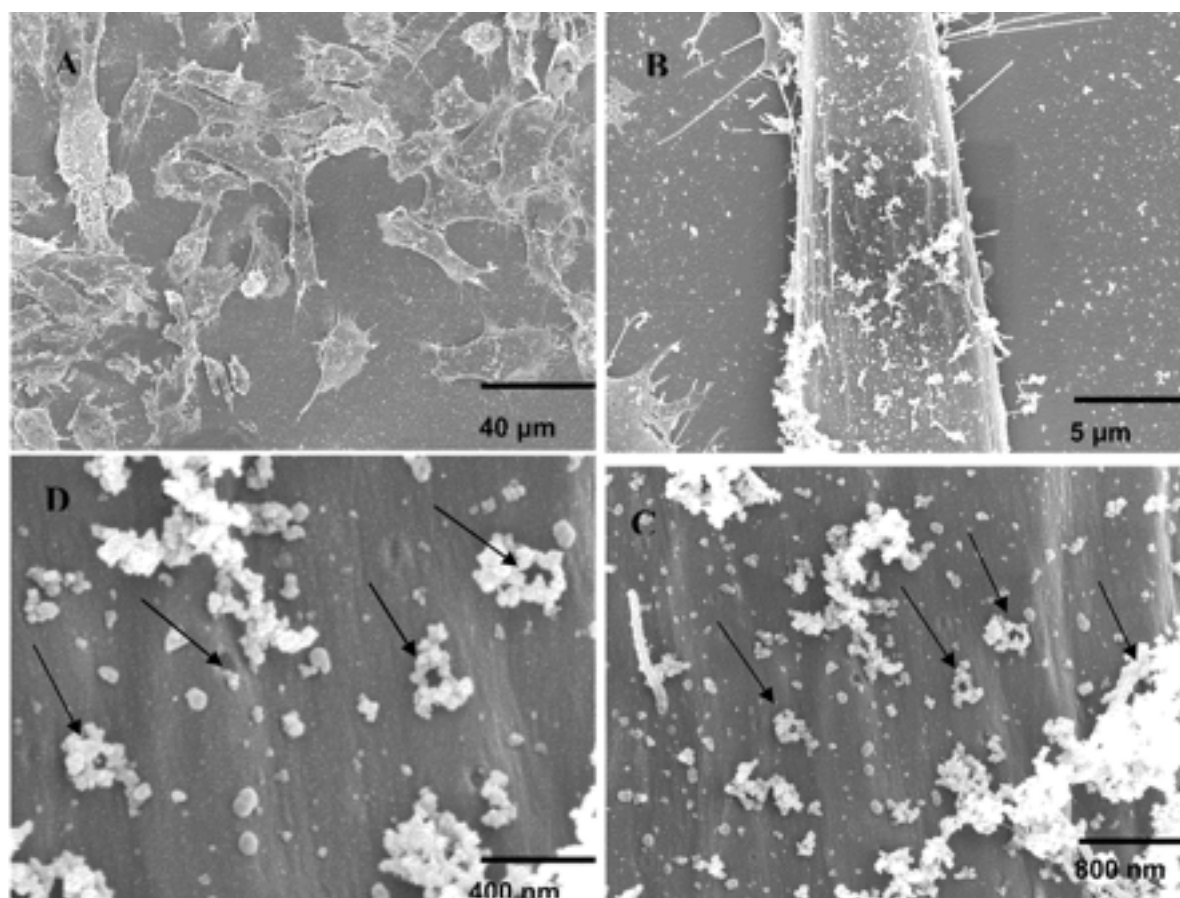
What You Need To Know About the Clinical Application of PNC-27. PNC-27 has been tested on over 400 patients and found to be effective and safe. The observed side effects may include a slight dip in blood pressure, slightly elevated temperature.

Immediate impact in first 10-30 days. Raised levels of markers (opposite of what one would expect) along with a lessening of existing pain in the first 10-30 days is an indication that the treatment is working. This can be explained as follows: when the cancer is under siege from PNC-27, it is not at ease anymore and reduces its normal metabolic and proliferative activities. Less acids are released, which results in less pain.

It should be noted that the sole mechanism of action of PNC-27 in generating a cytotoxic effect is as outlined earlier: inducing cell necrosis by creating pores on the cell surface. Through this action, the contents of the cancer cells get liberated into the extracellular environment resulting in an increase in LDH levels, as well as other tumor markers. Toxins will also be released, because of which patients need to make sure that they are actively pursuing a holistic program that includes detoxification and immune support, such as that outlined by the Seven Key Principles of Cancer Therapy. Patients are advised not to be concerned about their blood picture for at least 90 days. It needs to apparently get "worse", before it stabilizes to normal levels. Patients should start experienc-



Scanning electron microscope images of human pancreatic cancer cells (MiaPaCa-2) untreated.



Scanning electron microscope images of human pancreatic cancer cells (MiaPaCa-2) treated with PNC-27 for 30 seconds.

Ref : US 20110183915 (Pincus, Michl)

ing progressive less number of “bad days” as they progress through the treatment.

Besides reduction in pain, patients can expect a significant feeling of a clearer head. They might find themselves being able to think clearer. As the cancer deals with the impact of PNC-27, an increased metabolism results in the rapid consumption of energy sources that can lead the patient to feel a sense of fatigue. Once again, this should be viewed as a positive outcome of the treatment.

Allergy and Sensitivity to PNC-27. Like any other peptide introduced into the body, PNC-27 could induce an allergic response in some patients. A small prick test should be performed before the patient is dosed with larger quantities. Dosing is started at lower doses, and ramped up to higher doses based on the patient’s tolerance. The preferred dose is 90 mg a day, although many patients may receive doses lower than that.

Potential for tumor lysis syndrome. PNC-27 by itself is non-toxic, meaning that it will not kill or affect healthy cells at all. It is highly specific to cancer cells. However, this does not mean that the body will not go through some challenges caused by the breakdown of the tumor. Breakdown of tumor cells faster than the body’s ability to clear the released debris and toxins could potentially result in tumor lysis syndrome. It is essential that managed dosing of the treatment is done carefully under the supervision of your assigned doctor. You must report any adverse events you may be experiencing, which may require an adjustment of the dose.

Crossing the Blood Brain Barrier. Anecdotal evidence with melanoma patients with brain metastasis has demonstrated that PNC-27 can cross the blood-brain barrier.

Impact on Bone Cancers. PNC-27 is one of very few cancer treatments that can impact cancers metastasized to the bone. Patients with bone cancer, however, need to understand that as the cancer cells in the bone get destroyed, they will leave a honeycomb like structure behind. This could be, unfortunately, a painful experience and increase the brittleness of the bone. That being said, PNC-27 provides one of our best opportunities of eliminating cancer from bone tissue.

Immunity to Treatment. Patients do not need to be concerned about the development of any immunity or resistance to PNC-27. The treatment can be stopped and restarted again.

Methods of Delivery. PNC-27 can be delivered by the following methods: intravenous, rectal suppository and nebulizer.

Most patients will start with intravenous therapy at the clinic. The IV therapy causes a systemic attack to occur targeting cancer cells wherever they exist in the body. This treatment must be conducted in a hospital environment where the dosing and detoxification procedures can be closely monitored. The usual treatment consists of 20 daily IVs. A patient continues the treatment when they go back home in the form of suppositories, except for lung cancer patients who will continue the treatment via nebulizer. Most lung cancer patients will also receive nebulizer treatments along with their IVs while at the clinic.

If the situation demands, your medical team may recommend an extension of treatment as needed.

Antineoplastic Cream. This special proprietary, topical formulation is used alongside PNC-27 to treat cancers that are present on or close to the surface of the skin. The cream is applied 3 times a day - please note that a small amount goes a long way.

If prescribed, patients may have to continue using the cream once they return home. The cream is applied 2 times a day (morning and bedtime) over the main tumor area and any identified affected lymph node areas. If no lymph nodes are affected, then the cream can be applied in the neck area.

6

Optimize Your Immune System

“Sickness is selective, it requires our body’s cooperation.”

– Kenneth Bock and Nellie Sabin

The immune system is the guardian of the body whose function is to neutralize foreign living organisms and toxins. The immune system is the body’s defense mechanism against cancer as well. The fact is that we are only as healthy as our defenses, and just as we must work on the cancer, we also need to make positive changes to the milieu that is allowing the cancer to thrive.

Developed in the early 1900s, the germ theory of diseases implies that our encounters with pathogenic bacteria, viruses, fungi and other microbes are the reason we contract disease. The pathogen is the cause, and the disease is the effect. Louis Pasteur, the father of microbiology, spent his entire life finding ways to defeat bacteria through vaccinations and pasteurization. He was one of the central figures in the germ theory movement that became the pillar on which modern, conventional medicine stands today.

Few people know that Pasteur, on his deathbed, realized that there was a big gap in his theory. He is credited to have said, “The microbe is nothing; it is the soil that is everything”. He admitted that disease could not possibly happen if the host was able to resist the infecting

agent. Disease grows only because the body allows it to grow.

The immune system works with tremendous autonomy in the body, without even the need for the brain to issue it any commands as it goes about its daily surveillance. However, as toxins accumulate in our bodies and we allow our metabolic processes to slow down, the immune system can get corrupted and malfunction.

Without going into too much detail here, it is important to know that there are two parts to the immune system: the *adaptive* and the *innate*. We are used to thinking of the immune system as exerting an adaptive response as it identifies and learns to neutralize pathogens and other toxins. However, underneath the adaptive layer lies the innate immune system. This immune

system is based on genetic intelligence acquired over billions of years that is already present in the body.

Would it surprise you to know that our body already innately knows about cancer and how to

Would it surprise you to know that our body already knows about cancer and how to counter it, even before it actually happens?

counter it, even before it actually happens? The fact is that the innate immune system works quietly in the background, protecting the body without the need of any conscious intelligence - all the necessary intelligence is already embedded in the DNA. The innate immune sys-

tem in turn controls the adaptive immune system. A good analogy would be the way the subconscious mind controls our conscious actions.

However, living in the toxic world that we do nowadays, the overload of foreign “invaders” slowly degrades the capabilities of the innate immune system leading to all forms of chronic diseases, including cancer. That is why restoring its viability needs to be an essential part of all cancer therapies.

Modern medicine is finally coming to terms with the fact that cancer cannot be cured simply with cellular poisons. The issue is not whether the therapies can kill the cancer or not. To accomplish long term success against cancer, it is imperative to rapidly restore the strength of the

immune system. Whenever you hear about the development of new “immunotherapies”, you must understand that these are not curative drugs on their own, but therapies that are seeking to leverage the only thing that can overcome cancer - our body’s immune system.

At Hope4Cancer®, we take restoration of the immune system very seriously as you will see below.

Non-Toxic Cancer Therapies that Also Influence the Immune System

Many of our non-toxic cancer therapies not only directly disable cancer cells, but also simultaneously stimulate the immune system. These therapies are discussed in detail in Sections 3 and 4 of this book, but here is a summary:

Rigvir® Virotherapy (Section 4): Cancer cells have the ability to hide from the immune system by disabling a key step in the immune cascade process. The Rigvir® virus multiplies in the host cancer cell and destroys it, without affecting healthy cells. However, it binds to key receptors on the cancer cell surface, which makes them visible and vulnerable to the immune system once again. As a result, Rigvir® produces a profound immunotherapeutic effect in addition to its oncolytic properties.

Sono-Photo Dynamic Therapy (SPDT, Section 3): This therapy releases high energy free radical oxygen inside cancer cells. The dying

cancer cells stimulate an inflammation process that in turn signals immune system macrophages and other cells to remove dead cancer cell debris besides engaging with live cancer cells as well.

Hyperthermia (Section 3): Hyperthermia leverages the higher susceptibility of cancer cells to heat generated using specific radio frequency ranges. Similar to SPDT, destabilization of cancer cell populations results in the recruiting of immune cell populations that had previously ignored the presence of the cancer.

Vitamin C (IV Therapy, Section 3). We do not need to educate anybody about the importance of Vitamin C for the immune system. It is important, however to get a handle on the fact that a healthy and active immune system is crucial to eliminate cancer. For cancer patients, oral vitamin C supplementation and changing nutrition is not enough. That is why many of our patients are recommended intravenous vitamin C IV therapy described in more detail in Section 3.

BIO-IMMUNOTHERAPY

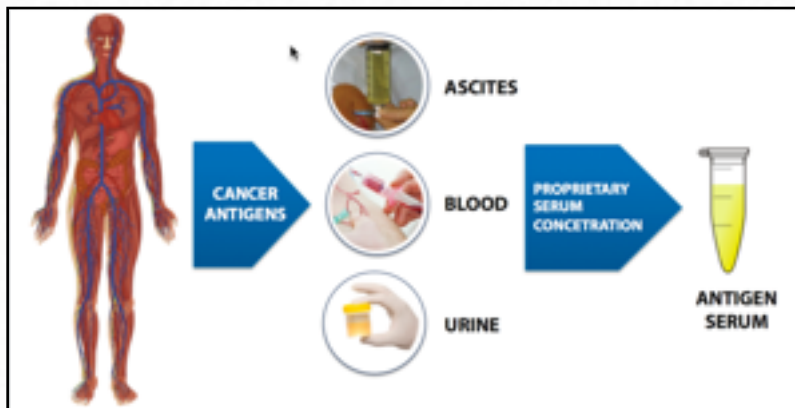
The immune system can be influenced in a variety of ways. One of the most profound ways of accomplishing this influence is by leveraging nature itself. We classify as Bio-Immunotherapy the treatments that use biological molecules to modulate the function of the immune system. AARSOTA uses the amplification of cancer cell related antigens to stimulate the immune system against the specific type of cancer in the body. Irreversible Pepsin Fraction (IPF) utilizes

a peptidic fraction obtained from the denaturation of the ubiquitous enzyme pepsin. IPF reacts with cancer specific antigens in the blood, creating a cancer-specific T-cell response in the body. In both cases, the immune system is stimulated to respond to the cancer.

AARSOTA. Cancer cells (and other pathogenic entities) produce chemicals that are specific to their cell type - these are called antigens. Antigens are important handles because they serve as a fingerprint of the foreign agent in the body. The body's immune system typically identifies the antigen and creates countermeasures to it - known as antibodies. These antibodies are naturally engineered to neutralize the pathogenic influence - whether it be a microbe or a cancer cell.

Vaccination is the process of identifying an antigen, amplifying it and re-injecting it into the body to elicit a powerful antibody response. Often a fragment of the antigen is used which can be prepared in the lab as well. However, cancer has so many forms, and myriads of potential antigens. How to identify these antigens, let alone create a generic cancer vaccine? In addition to that, a Broad Institute (Harvard & MIT) study has shown that an individual can harbor cancer cells equipped with different mutations *within the same tumor*.

The solution to the problem lies in finding a way into the function of the whole tumor cell. Chiang, Benencia & Coukos report in a paper, "Whole tumor cells are a good source of TAAs and can induce simultaneous CTLs and CD4(+) T helper cell activation." (Whole Tumor Antigen Vaccines. *Semin. Immunol.* 2010, 22, 132-43).



The AARSOTA Vaccine

In a 2013, Lohr and co-workers reported about the widespread genetic heterogeneity in multiple myeloma, which means that simply addressing a single antigen is not enough.

What Is AARSOTA? AARSOTA is obtained through the concentration of large batches of fluids (urine or ascites) through a proprietary process that enhances the the content of cancer antigens to levels significant enough to elicit an immune response.

The isolated serum is re-injected into the patient's blood stream to drive the immune response to biologically relevant levels.

AARSOTA delivers a combination of all antigens from tumor cells in the patient's body, not just one specific antigen. The resulting non-specific immune response has a better opportunity to target the cancer.

Even for the same antigen type, AARSOTA is able to sample the antigens produced from the genetically diverse pool of tumor cells.

Even though the antigens may not be identified, they are present and specific to the tumor in the patient's body, thereby tailoring the immune response to the cancer.

Since the antigens are obtained autologously from the patient, the chances of powerful, life-threatening immune reactions are unlikely.

Understanding and Compensating for AAR-SOTA Treatment Limitations.

Since AAR-SOTA is made from the body fluids of the patient, the success of the therapy is dependent on the quantity of antigens released in the body fluid. It is not possible to tell exactly if the antigenic concentration is sufficient to elicit a relevant immune response.

To overcome AARSOTA's biggest drawback, we implement the following in any protocol that includes it as a treatment:

Combination Therapy: We combine AARSOTA with other cancer-fighting treatments such as Sono-Photo Dynamic Therapy and Hyperthermia, besides other immune enhancing therapies and supplements.

Multiple Treatments: We recommend that patients repeat the AARSOTA protocol every 2-3 months to maximize the benefits and account for any genetic evolution of the tumor over time.

Irreversible Pepsin Fraction (IPF). Irreversible Pepsin Fraction (IPF) is based on the research of lead inventor, Harry H. Zhabilov Jr., B.Sc., M.Sc. who serves as the Co-Founder, President, Vice-Chairman and Chief Science Officer of Immunotech Laboratories. IPF is a fraction of peptides derived from the enzyme, pepsin, one of the main aspartyl protease enzymes released in the gastric system. Porcine pepsin is irreversibly inactivated at a pH of 6-7, and the resultant peptide fractions have been found to

have a profound impact on the immune system. Because of its broad applications in various facets of immunotherapy, IPF is better considered as a treatment platform than just a treatment.

Antiviral Properties

IPF was first discovered for its antiviral properties against HIV-1, demonstrating an ability to interfere with the penetration of viral particles in CD4 T lymphocytic cells. IPF has been shown to have two mechanisms of action:

1. By binding to specific proteins on the outer surface of immune cells, IPF directly prevents the infection of CD4 T-cells. HIV-1 is known to trick the immune system resulting in the progressive invasion of the body's immune T-cells until the process becomes irreversible.
2. In a complex process where it binds to T-cells, IPF turns on the Th1 immune system (the thymus is one of the glands responsible for activating T-cells) that results in an increase in cells that target infected cells.

Anticancer Properties

Immune protection against cancer requires the generation of a potent cellular immune response against a unique tumor antigen expressed by malignant cells. IPF has been found to be precipitated specifically with blood serum proteins from the alpha-1 and alpha-2 microglobulin areas, a reaction specific to cancer patients. It is possible, though not clearly known yet, that these antigens could have homology across a variety of cancers, making IPF an exciting tool for the targeted stimulation of cancer-specific immunity.

Non-cancer patients do not demonstrate this activity. Using IPF, the formation of a new subset of T-cells that are now sensitized to cancer cells is triggered. This overcomes the “self-molecule” scenario, where the antigen from a cancer cell by itself is not viewed as an invader, and therefore does not elicit an immune response on its own.

The therapeutic effect of IPF is similar to a “host rejection” reaction that happens after an unsuccessful organ transplant. Through the handle of the antigen-IPF complex generated immune response, the cancer cells become a target of the immune system. After the fourth week of treatment, an observed change in the smell of the urine will indicate the presence of tumor tissue necrosis.

Benefits of IPF

- Activates the immune system specifically towards the cancer cells, a process that is not accomplished by other therapies
- It activates the T-cells resulting in a strong cellular immune response (through activation of the Th1 system, it creates new activated T-cells that are sensitized to locate and destroy the patient's cancer cells)
- Raises the CD4 T-cell count to healthier levels
- No observed toxicity
- Reasonably low cost compared to more complex immunotherapy molecules
- Applicable as a periodic therapy

- Free from neurological, gastrointestinal and hematological side effects

Administration of IPF

IPF is a clear, sterile substance that is administered as a deep intramuscular injection, with a slow application of one vial per injection. The injections are given in a cycle of 8 weeks, with two injections every week on consecutive days. Before injection, the vial must be at room temperature.

Side Effects of IPF

In general, no serious side effects are observed. Some of the patients can receive a temperature reaction not higher than 37.4 C. It is possible to notice allergic reactions, especially with patients who are allergic to animal protein. In this case, anti-histamine medications have to be administered.

Co-Administration With Other Hope4Cancer Therapies

Because of its specific mode of action, IPF is particularly well-suited for co-administration with a number of other complementary Hope4Cancer treatments. These include anti-cancer therapies such as Rigvir, Sono-Photo Dynamic Therapy, Hyperthermia and PNC-27. In addition to that, therapies involving nutrition, detoxification, oxygenation and microbial reduction are important to improve the body's nutritional status and eliminate necrotic cancer cell debris and associated side effects. It is not known yet if any of these treatments synergize each other

The following is an outline of the potential combined immunotherapeutic effects of Hope4Cancer therapies, including IPF:

1. Activation of tumor-specific T-cells (IFP)
2. Local activation and migration of macrophage population (SPDT and/or Hyperthermia)
3. Blocking of the receptors that prevent triggering of the immune complement cascade in tumor cells, thus making cancer cells recognizable to the immune system (Rigvir®)
4. Raising levels of immune system cells to healthier levels (all treatments)
5. No side effects other than very low-grade temperature and fatigue (IFP & Rigvir®)

It should be noted that not all these therapies listed above are usually prescribed together. The Medical Team determines the best combination for each case.

Immune Power Plus

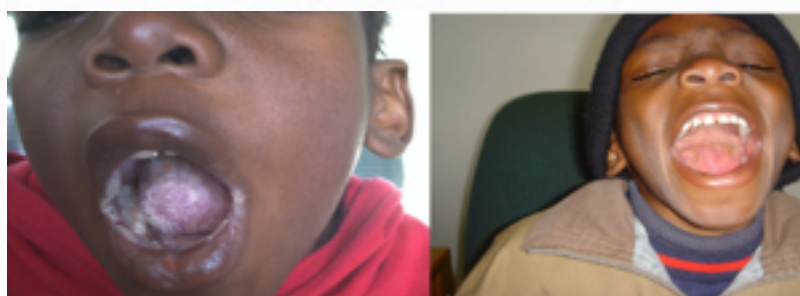
Immune Power Plus is our proprietary supplement formula from *Seven Principles Nutritionals*, a brand formulated leveraging the decades of experience from Dr. Jimenez and his science team. Immune Power Plus delivers well-researched, key ingredients that fortify the immune system. This product is based on extensive clinical studies conducted in South Africa on hundreds of immune compromised patients, many of them suffering from Kaposi's sarcoma. The product was further enhanced with ingredi-

ents carefully optimized by our scientific development team to provide one of comprehensive ingredient combinations among available immune supplements today.

In South Africa, we found that the use of key macro and micronutrients, Magnesium, Selenium and Zinc, in combination with herbal immune supplementation resulted in immediate and significant improvement in the quality of life of patients suffering from highly advanced immune-compromised diseases.

Keeping in mind that these patients were in an extremely precarious state of health, the results were remarkable. Patients reported:

- Increased energy
- Improved appetite
- Improved emotional well-being
- Improved social and physical functioning
- Improved general health and well being
- Reduction in Fatigue & Tiredness



(Left) 3-Year Old Boy Suffering from Oral Thrush. (Right) Two Weeks of Supplementation With Our Immune Power Plus precursor formula helps rebuild the immune system. Picture on the right was taken 2 weeks later.

The image above shows a 3-year old boy with a severe case of oral thrush, a common symptom of immune deficiency, who was given our precursor formula. The before and after images are striking.

We have since improved the formula by altering the supplement ingredients to include three well known immune system modulators: 1,3/1,6-beta glucan, turkey tail powder and astragalus.

The utility of the Beta Glucan 1.3/1,6 fraction is well known (see www.betaglucan.org for exhaustive detail). In an NIH sponsored study, Turkey Tail mushroom (*Trametes versicolor*) can augment conventional therapies by restoring lost populations of Natural Killer (NK) and CD-8+ T cells, key players in the immune system that protect us from pathogens and tumor growth (see Paul Stamets powerful TED talk that talks about how Turkey Tail helped his mother who had advanced, stage 4 breast cancer:

<http://www.hope4cancer.com/information/turkey-tail-ted-talk.html>). Our astragalus extract contains 70% polysaccharides (glucan) and astragalosides, flavonoids and phytosterols that contribute to its ability to impact, in particular, the innate immune system. It has been known to improve symptoms of chronic illness and stress-related fatigue and restores vitality. Astragalus is also known to help reduce the breakdown of telomerases.

Immune Power Plus is recommended to most of our patients at a dosage of 2 capsules, three times a day.

AloeMed Therapy

While Aloe is known for its powerful immune system restoring effects (discussed below), one of the main issues has been delivery of the

product in sufficient concentration and quantity to be useful for immune compromised patients. Until now, all efforts of reducing Aloe juice into a concentrate or a powder have resulted in loss of key nutritional value of the product.

Hope4Cancer® Institute's proprietary Aloe formulation is a unique formula that delivers Aloe in a freeze-dried powder format that **delivers in a 5 gram dose the equivalent of 12.4 Liters of inner leaf gel, providing the highest possible immune modulatory return on investment, set aside the incredulity of consuming impossible quantities of inner leaf gel everyday.** A dose of 5 grams a day has been identified as an optimal dose for patients with chronic, immune compromising diseases.

Benefits of Aloe. Documented and testimonial evidence over the decades has shown that Aloe benefits the following:

- Reduces inflammation
- Improves skin health
- Antioxidant effect
- Benefits ulcers, IBS, Crohn's and Celiac disease
- Modulates immune system
- Helps maintain healthy cholesterol levels
- Improves cellular oxygenation
- Improves blood pressure
- Healing from burns/radiation/wounds
- Reduces bacterial infections
- Improves digestive health
- Improves hydration

Thousands of papers have cited the antitumor benefits of **Aloe polysaccharide** components. These polysaccharides have been shown to activate immune system macrophages and release nitric oxide. Acemannan is one of the high molecular weight polysaccharides that has been established to be a pow-

erful, natural immune booster (*J. Am. Anim. Hospital Assoc.* 1995, 31, 439). In December 2000, Carravet, an acemannan immunostimulant, received USDA approval for treatment of fibrosarcoma in drug (Coswert, L. Biological Properties of Acemannan, Dec 2010). **Aloe-Emodin**, another component of Aloe, is a hydroxyanthraquinone that has been studied to be effective against models of human lung carcinoma, hepatoma, leukemia, neuroectodermal tumor cells etc. (*Cancer Res.* 2000, 6, 2800).

AloeMed Features. Here are some features that helps AloeMed Therapy maximize the benefits of Aloe extract:

- Freeze dried from inner leaf gel of Aloe vera L. (also known as Barbados Aloe).
- Completely water soluble
- Clean taste
- Certified organic in the USA and Europe
- Grown in volcanic soil to maximize phytonutrients
- Orthodox union certified Kosher
- Highest total acemannan concentration on any known Aloe product - 18%
- Highest immunomodulator acemannan content (less than 400 kiloDalton fraction)
- Highest bioavailable acemannan (less than 50 kiloDalton fraction)
- Free of aloin
- A 5 gram dose is equivalent to drinking 1 liter of aloe vera inner leaf gel puree, equivalent to 12.4 liters of fresh inner leaf gel.

Co-Administration with ImmunoStart. AloeMed is co-administered with immunostart for maximum benefits. Immunostart is available in a chewable tablet that contains lactoferrin, modified citrus pectin and other ingredients.

- Lactoferrin reduces inflammatory response.

- Modified Citrus Pectin (MCP) picks up circulating cancer cells that break out of the tumor. With a molecular weight of 12 kiloDalton, MCP is easily absorbed into the blood stream where it scavenges malignant cells.
- Glucose allows secretory IGA receptors to absorb the contents of the chewable tablet better. Content of glucose is too small to make a difference for patients seeking to eliminate sugars from their diet.
- Colostrum and beta glucan 1,3/1,6 is a well known immune modulators.

Administration Protocol. The dose of AloeMed is slowly ramped up to a maximum of about 5 grams per day. Similarly, the immunostart is ramped up over 5 days to a maximum of 6 tablets a day spaced by one hour between doses.

The ramping up of the dose is important because it is possible for the patient to develop detox symptoms that could be manifested as diarrhea and rare flu-like symptoms. If you find side effects manifest themselves as you ramp up the dose, stop at the dose where no side effects are being manifested.

Once the immune compromised disease is resolved, you can start on a maintenance dose that requires 160 mg per day as a maintenance dose.

A detailed administration protocol will be included in AloeMed is included in your home program.

7

Full Spectrum Nutrition

“Let food be thy medicine,
and medicine be thy food.”
– Hippocrates

Long term research and clinical experience at Hope4Cancer® have shown that our alkaline oriented nutrition program provides strong support to the body's immune system. Your treatment protocol may also include supplementation to assist you in balancing out any nutritional deficiencies and improve your overall health and quality of life.

As part of this strategy, Dr. Antonio Jimenez has developed his Full Spectrum Nutrition Program. In that, he has outlined clear directions for an optimal diet that must be followed by a cancer patient. It must be mentioned here that in certain specific conditions, the medical team may alter the diet - examples of those situations include the co-existence of other diet sensitive diseases such as diabetes or specific allergies.

Dr. Jimenez Nutritional Recommendations

Vegetables: Eat as many servings of vegetables as you would like. There are no limits. Eat as much raw as possible, asparagus, avocado,

beets, broccoli, brussel sprouts, cabbage, carrots, cauliflower, celery, collards, cucumbers, dark leafy lettuce, eggplant, escarole, garlic, kale, green and red leeks, peppers, onions, parsley, parsnips, radishes, rutabagas, sweet potatoes, spinach, sprouts, squash (all), turnips, tomatoes, yams.

Raw, unpasteurized sauerkraut: 1 tablespoon daily. May be ordered at Gold Mine, 1-800-475-3663. Store bought is heated and does not have the enzymes of lactic acid.

Nuts: Almonds, brazil nuts, filberts, pecans, and walnuts. Eat nuts raw, unroasted without salt or sugar. Please continue to eat 10 almonds for breakfast and for lunch. Two or three tablespoons of almond butter can be substituted for raw almonds as long as the almond butter is raw. Soaking nuts and seed in water

on the counter for 4-12 hours will release enzyme inhibitors and make them more digestible. Smaller seeds such as sunflower take 4 hours while larger seeds such as almonds require 12 hours. It is advised to drain and re-immerses the seeds with clean water during the soaking period.

Seeds: Sesame seeds, sunflower seeds, and pumpkin seeds. If you like seasoned snacks you can drain your soaked nuts and seeds, season, and dry using a food dehydrator with a thermostat set no higher than 110 degrees Fahrenheit. Soak guidelines: almonds for 12 hours and sunflower seeds for 6 hours in filtered water.

Sprouts: you can add any sprouts to your salads. You may sprout beans, grains, nuts, or seeds. Sprouting increases the nutritional content and makes them more easily absorbed. Books on sprouting can be found at your health food store. Good books are written by Ann Wigmore and Rodale's Basic Natural Foods Cookbook is a good choice. You will need to purchase good organic seeds. You can call OHI for a catalog of where to purchase organic seeds and the herb and spice collection has a catalog at 1-800-365-4372.

Beans: You may eat sprouted beans and cooked beans 2-3 times per week. Use black beans, chickpeas, green beans, kidney beans, lentils, lima beans, pinto beans. Avoid soybeans as they have enzyme inhibitor. Also avoid peanuts, which harbor a mold that is carcinogenic.

You can always include the following tasty cooked bean recipe:

- Two cups of any type of dried washed beans in a pot or covered oven-proof pot.

- Add five cups of pure clean water, five garlic cloves, two tablespoons of organic olive oil, one teaspoon of sea salt, and 1/8 teaspoon of cayenne pepper.

- One or two tablespoons of molasses may be added.

- Cover the pot, place in your oven at 200 degrees overnight (up to 15 hours)

Bread: You may have one slice daily of sprouted Ezekiel bread or one slice daily of sprouted Manna bread. These can be found in the freezer section of your health food store. You must avoid all refined grain products such as white flour and white rice.

Dairy Products: A small amount of organic butter and organic white cheese is acceptable. You may have plain organic goat yogurt 2 times weekly. The yogurt should have active cultures and contain no sugar or added chemicals. You may use berries and small amounts of organic vanilla and Stevia.

Eggs: You may eat 1-2 eggs daily. They must be organic and if possible fertile. The eggs are to be soft boiled or poached only. If you have estrogen positive cancer (breast and prostate), make sure you only consume organic eggs.

Fish: Salmon may be eaten 2-3 times weekly. I recommend you eat only fish that has been tested and free of heavy metals. You may purchase this fish from Vital Choice at 1-800-608-4825.

Liver Support: If you are on the Enhanced Enzyme Therapy program it is essential to support your liver adequately. This can be achieved by incorporating Eco Liver and Liver Power supplements into your routine.

Beverages: You may have non-caffeinated herbal teas.

Water: Drink at least six to eight glasses of pure water daily. Do not drink the water with your meals.

Oils: You may have small quantities of olive or flaxseed oil daily. These are great if used in salad dressing and 1-2 tablespoon daily is acceptable. Small amount of coconut oil is acceptable as well.

Seasonings: You may use a natural mineral oil or unrefined sea salt. Non-irradiated herbs and spices are allowed. Make sure you use organic seasonings when possible.

Poultry: We do not recommend poultry right away on this diet. There are microbes that some research has linked to cancer.

Red Meat: Beef, Lamb, Pork is not allowed.

Sweetener: A few drops of Stevia is permissible.

Fruit: Organic blueberries are excellent. All organic berries are permissible. Frozen organic berries are allowed.

Juices: 2-4 glasses of fresh organic juice daily. Juices may include carrot, wheatgrass, celery and apple, and all green leafy vegetables: beet

tops, carrot tops, collards, escarole, kale, dark lettuce, parsley, spinach and swiss chard. The best juicer for the price is the Omega, which costs \$259.00 (approximately). You may order by emailing Health Best Products at healthbestorders@aol.com.

General Recommendations: Eat as much fresh organic products as possible. Eat as much raw as you want or lightly steam your vegetables.

Water and Other Products: Use only clean filtered water. Use filtered water for cooking, drinking, and coffee enemas. Never drink or use chlorinated or fluoridated water. Avoid fluoride toothpaste. Buy and use natural hair products. Never use hair dyes. You may use Naturalcolor made by Herbaceuticals.

NOTES: Do not eat anything that is not on this list without the medical team's consent. If you have Candida or yeast overgrowth, you should eliminate carrot juice and all sweeteners and fruit, except berries.

No canned or frozen processed foods.

It is essential you follow the diet, detox and supplement protocol outlined for you. We have extensively researched the products we prescribe and recommend to provide you the maximum benefit. These products are available from our preferred vendor, Pacific Medical Solutions (619) 825-6884. Please do not substitute the products from other sources.

Purchase small plastic pouches and pre-sort a one month supply of your supplements in advance for convenient dispensing.

We recommend you purchase the cookbook “Eat Well and Live” by Gwynn Palmer from <http://www.soundfoodpublishing.com> or by calling (877) 232-8935.

Hydration: Kangen Water

Water has many functions in the body. It comprises 90% of blood. Blood carries nutrients and oxygen to the cell making it a very effective delivery system, at the same time water also contains oxygen molecules equally vital to life and healthy cell growth and replication. If the blood is 90% water and a patient is dehydrated we can see that blood would thicken due to less water content, hence it slows down affecting circulation, the thicker the blood the more likely it is to clot and we know clots lead to strokes and other complications as does poor circulation. When we look at this reality it is easier to see the value of increasing our water consumption.

The blood also carries waste products away from the cell to be excreted from the body thereby assisting it in the detoxing or cleansing process. The waste or tissue acids are then further excreted from the body via one of the many channels of elimination including through the skin by sweating or perspiration. This is another reason we use near infrared saunas at the clinic. Detoxing and cleansing the cell and the whole body is very important in our cancer protocol and water facilitates this process on many levels.

Water also acts as a solvent for breaking things down. It binds with the fiber in the foods we consume facilitating proper digestion, another

vehicle for detoxing and cleansing the body, again critical in cancer care and prevention.

The Brain is also 80% water and when one is dehydrated it incapacitates the brain's ability to think and remember often leading to misdiagnosis such as dementia, yet the cause is simple dehydration.

Muscles are 75% water and when properly hydrated they can function more effectively. Proper hydration can even help prevent muscle cramping. Even our skin begins to wrinkle and sag without good hydration.

At Hope4Cancer® we use the Kangen Water Device, an alkaline water generator founded on advanced Japanese technology. What is unique about the water that this medical device generates is that the ionization process changes the molecular structure of the water to one that is hexagonal in shape and contains “active hydrogen”, in other words it's alkaline.

In the previous subsection, we outlined the importance of alkalizing the body in reference to choosing alkaline rich foods. We know there are foods that contribute to cancer cells growing because they are acidic in nature and alkaline foods that will actually strengthen your immune system and help your body heal. The same is true for water.

“Kangen Water”, which is a Japanese word that means, “Return to origin”, duplicating the science behind natural healing waters.

In addition to having the benefits of being alkaline, Kangen water molecules also form micro-clusters, much smaller than the usual clusters found in regular water, with 5 or 6 as opposed to 16-20 molecules per cluster. This is impor-

tant because it means that it is small enough to actually penetrate the cell wall, hence pulling in nutrients and life giving oxygen and rinsing the waste products out of the cell from cellular metabolism. This process assists the body in what we are trying to accomplish at Hope4Cancer® Institute via the many different vehicles we use for cleansing and detoxing like the diet, photodynamic therapy, and sauna treatments etc. If you think about drinking a large glass of regular tap or bottled water you will remember how it sloshes in your belly and may even leave your feeling full and bloated. This is because of the large clusters of water molecules which are not readily absorbable, yet we don't experience this with the "Kangen Water" as the micro-clustering equates to superior absorption in a fraction of the time. You can drink 2 or 3 large glasses of Kangen Water and find yourself asking, where did it go? You don't feel bloated and full and you might actually find yourself reaching for another glass.

Build up of tissue acid in the cell is said to lead to hypoxia, or lack of oxygen. We know cancer thrives in an acid rich environment that is deprived of oxygen. Therefore it is easy to see how "Kangen water" is conducive to our ultimate goal of curing cancer.

The last but not least and the most important property of "Kangen Water", is the fact that it measures very high on the Oxidation Reduction Potential Scale. This is very important as antioxidants are important for slowing down the aging process and preventing disease by actually helping prevent DNA damage.

Kangen Water is supplied to patients at Hope4Cancer® and the units can be purchased through Annette Blanchard (949) 644-4325 for use at home.

Lifestyle Modifications

General Dietary Recommendations. An effective way to battle cancer is to starve the cancer cells by not feeding it with the foods it needs to multiply. The section of Full Spectrum Nutrition outlines details of Dr. Jimenez's complete recommended diet for cancer patients. Following are some general considerations to think about:

Cancer Cells Feed on Sugar. Processed sugar is a cancer-feeder. By cutting off sugar it cuts off one important food supply to the cancer cells. Sugar substitutes like NutraSweet, Equal, Spoonful, etc., are made with Aspartame and are harmful. A better natural substitute would be Manuka honey, Stevia or molasses but only in very small amounts.

Salt Alternative. Table salt has a chemical added to make it white in color. A better alternative is vegetable or sea salt.

Dairy. Milk causes the body to produce mucus, especially in the gastro-intestinal tract. By cutting off milk and substituting with unsweetened, organic almond or rice milk cancer cells are being starved.

Reduce Acidic Environment. Cancer cells thrive in an acidic environment. Besides changing the alkalinity of the water as described earlier in the Kangen Water section, foods also contribute to the acidic environment in the body. A meat-based diet is acidic. It is best to eat fish, and avoid chicken, beef and pork. Meat also contains livestock antibiotics, growth hormones and parasites, which are all harmful, especially to people with cancer.

Fresh Fruits and Vegetables. A diet made of 80% fresh vegetables and juice, whole grains,

seeds, nuts and 2 servings of fruits help put the body into an alkaline environment. About 20% can be from cooked food including beans. Fresh vegetable juices provide live enzymes that are easily absorbed and reach down to cellular levels within 15 minutes to nourish and enhance growth of healthy cells. To obtain live enzymes for building healthy cells try to drink fresh vegetable juice (most vegetables including bean sprouts) and eat some raw vegetables daily. Enzymes are destroyed at temperatures of 104 degrees Fahrenheit (40 degrees Celsius).

Caffeine. Avoid coffee, tea, and chocolate, which have high caffeine. Green tea is a better alternative and has cancer-fighting properties. It is best to drink purified water, or filtered, to avoid known toxins and heavy metals in tap water. Distilled water is acidic, avoid it.

Meat Intake. Meat protein is difficult to digest and requires a lot of digestive enzymes. Undigested meat remaining in the intestines becomes putrefied and leads to more toxic build up. Cancer cell walls have a tough protein covering. By refraining from eating meat, it frees more enzymes to attack the protein walls of cancer cells and allows the body's killer cells to destroy the cancer cells.

Your diet should consist mainly of fruits, nuts. (except peanuts), salads, beans, fish and vegetables. No Sodium. No processed sugar.

Exercise. Exercise is not only safe and possible during cancer treatment, but it can improve physical functioning and quality of life. Too much rest may result in loss of function, strength, and range of motion. Bouncing with the use of a rebounder/mini-trampoline is highly recommended to stimulate lymphatic circulation, among other benefits.

The goal is to have your exercise program help you maintain endurance, muscular strength, and flexibil-

ity. Start slow. Pay attention to your breathing and how tired your muscles become. If you are too tired to exercise, try 10 minutes of daily stretching. Deep breathing is an effective way to get more oxygen down to a cellular level and provide an oxygen rich environment which cancer cannot survive in.

Avoid vigorous exercise if you have anemia, low white blood cell count, or abnormal levels of minerals in your blood. Do not exercise if you have pain, nausea, or vomiting. If you have a venous catheter, avoid water and other exposures that may lead to infection. Consult with the medical staff if you have questions regarding how much to exercise based on your health status.

Supplementation. Please read the section on Dr. Jimenez recommended supplements carefully. Proper supplementation is critically necessary for both healthy individuals and those suffering from disease, since it is highly unlikely that your diet and lifestyle is providing you with all the nutrition you need for maintaining your body at optimal levels of health. Even when you think you are having a balanced diet, you may be terribly wrong. The depletion of soil nutrients in combination with genetic enhancement of size and look, has left fruits and vegetables devoid of the nutrition they are expected to carry. In addition to nutrition, there is a lot you can do to combat the natural processes that lead every person towards aging and a gradual shutdown of body processes. This typically involves the use of targeted supplementation.

Dr. Jimenez has used his vast experience to select some crucial supplements that are available at Hope4Cancer® for patients and companions. Feel free to share this information with friends and family.

8

Detoxification (Heavy Metals/Toxins)

“It Is Never Too Late to Begin Creating the Bodies We Want Instead of the Ones We Mistakenly Assume We Are Stuck With.”

– Deepak Chopra

Toxicity in the human body is a relevant subject for everybody - not simply for cancer patients. Our bodies are overwhelmed on a daily basis by pollutants in the air, water and food. Poor dietary habits and lifestyles add to the increasing pool of toxicity in the body that creates conditions that are ripe for the development of chronic diseases such as cancer.

Detoxification helps aging and diseased individuals by improving brain function, digestion and absorption of nutrients as well as improve one's circulation. Lead and other toxic pollutants are found everywhere, in the air we breathe, the water we drink, even in our food supply. Our detoxification processes involve the removal of harmful metals and minerals from your body, to keep it functioning normally and enhance your recovery.

What are the signs of toxicity in the body? The signs are more obvious than we would like to imagine. Try the following:

1. Overweight / Cellulite
2. Fatigue / Lack of Energy
3. Frequent Illnesses
4. Dull Skin / Skin Disorders
5. Digestive Problems

6. Joint and Muscle Pain
7. Lack of Mental Clarity
8. Anxiety / Depression
9. Bad Breath / Body Odor
10. Allergies / Sinus Problems
11. Headaches
12. Constipation
13. Insomnia
14. Drinking / Smoking (Habits)

If any of these conditions have set in, then the chances of your body being prey to damaging levels of toxicity are high.

Hope4Cancer® uses time-tested and proven detoxification routines as a crucial aspect of its overall treatment protocol. Cancer creates a lot of toxic waste in the body, and its elimination is essential to maintaining proper body function. The destruction of cancer cells using our gen-

ther methods of treatment, such as SPDT or the Hyperthermia do not generate levels of toxicity as chemotherapy and radiation do. However, the death of cancer cells does cause debris that must be regularly removed from the body to sustain a non-toxic environment in the body.

These methods of detoxification include Coffee Enemas, Near Infrared Sauna Therapy, Near Infrared Lamp Therapy and Massages. The following pages describes some of the main detoxification routines adopted at Hope4Cancer® Institute.

Coffee Enemas

Coffee Enemas have been used for over a hundred years, as a generalized detoxification procedure. Despite rumors to the contrary, coffee enemas are perfectly safe when taken as directed. Coffee enemas stimulate the liver and gallbladder to release stored toxins and wastes, and this enhances liver function.

Unless otherwise specified, we recommend the patient take the enema each morning and afternoon/evening. Our medical staff will assist you with the procedures needed to perform the coffee enema effectively. Detailed procedures are available in the Home Program Section.

Unless otherwise instructed, the patient prepares a quart (4 cups) of coffee, using two (2) tablespoons of organic (Wilson's) coffee grounds per quart of water. The water should be filtered. Pacific Medical Solutions, Hope4Cancer® Institute's approved supplier, distributes Wilson's organic coffee. The coffee is made in a stainless steel or glass coffee-maker. Aluminum is not recommended, since

aluminum is a toxic metal and can leach into the coffee while percolating. It is acceptable to make the coffee the night before use; This allows the coffee to cool. This coffee is best used at body temperature. If it cools too much overnight, reheat slightly before using.

When preparing to take the enema, lie on your right side, and lubricate the colon tube using a water-based lubricant, olive oil, or coconut oil. Insert the catheter 6 to 10 inches slowly to the rectum; If the tube kinks, pull back and try again as kinking will block flow of the coffee. Please use the size of tubing recommended to you at the clinic.

Release the stopper, and let about a pint of coffee flow in, then re-clamp. If the coffee won't flow, this usually means there is a kink in the tube, and you must withdraw the colon tube and reinsert. At first, it may be difficult to retain the enema, but we usually recommend holding the coffee about ten minutes before expelling. Holding the enemas for longer than 15 minutes is counterproductive.

Repeat the enema, holding for another ten minutes. If you are able you may hold the entire amount of coffee for 10 minutes and release. At first, you may feel slightly jittery, although most patients find the enemas relaxing. Usually, the jitteriness lessens after about the third session. If the jitteriness continues, this means the coffee concentration may be too strong, which you may want to dilute (one tablespoon of coffee instead of two).

After each use, clean the enema bag and tubing with hot water and soap. Rinse with hydrogen peroxide and hang on hook to dry.

Near Infra-Red Sauna

One of the fundamental methods for detoxification used at Hope4Cancer® is the near infrared sauna. Powered by three 250-watt red near infra-red heat lamps, the near infrared sauna assists in the removal of chemical toxins and heavy metals, increases oxygenation, enhances the immune system and reduces the radiation burden in the body.

Saunas not only help remove radioactive particles, but can kill cells mutated by radiation that otherwise reproduce and can eventually lead to cancer. In this sense, saunas have a genetic effect that improves the overall quality of the body's DNA by favoring healthy cell populations. Saunas have been used for uncovering and healing chronic infections. Toxins released in the body as a result of chronic infections have been indicated as a cause of cancer.

The near infrared sauna uses one of the body's natural detoxification routes - sweating. Sweating is one of the body's healthiest reactions. The infra-red heat penetrates into the body, stimulating sweating without the feelings of suffocation and the discomfort of high temperatures of conventional dry and steam heat saunas. Induced sweating produces these effects:

- The sauna creates a “fever” reaction that kills potentially dangerous viruses and bacteria and increases the number of leukocytes in the blood, thereby strengthening the immune system.
- It causes excretion of toxins from the body, including cadmium, lead, zinc, nickel, sodium, sulfuric acid and mercury.

- It stimulates vasodilation of peripheral vessels, which helps in pain relief.

Biological Dentistry

Approximately twenty five million Americans undergo root canal therapy every year in an effort to prevent the loss of teeth that have abscessed. The root canal is the left portion of the tooth which houses the vital structures such as the nerve and blood vessels. The dentist endeavors to clean and sterilize this canal and fill it with a sterile, non toxic inert material. This usually renders this tooth serviceable and non painful; however, the entire inner hard core of the tooth is made of dentin which has several million dentinal tubules. These tubules allow the circulation of lymphatic type fluid to circulate from the vital organs of the root canal to the outside of the tooth. This is a viable circulatory phenomenon which has a purpose. It services the periodontal ligament as well as the sensory aspect of the nerve and blood centers in the root canal.

If the body chemistry is healthy, the flow of lymphatic fluid is from the root canal to the outside of the tooth. This creates an irrigation for the tooth and usually prevents the accumulation of plaque to form. When the body chemistry is not healthy, then the circulation is from the outside of the tooth to the inner root canal. This allows for no irrigation, but rather an accumulation of plaque to form. There are many more reasons for maintaining the integrity of the circulation in the dentinal tubules. Root canal therapy completely destroys this integrity, and what happens to the non-circulating fluid in these tu-

bules? This fluid as it ages becomes stagnant and becomes a toxic substance. This porous structure now becomes a septic mass emanating poisons into the body.

There is NO safe root canal!

What Is Biological Dentistry? Biological dentistry is an integrative approach to strengthen a person's immune system by using nontoxic restoration materials. Biological Dentistry takes into account the impact that dental toxins and hidden infections can have on the overall health of a patient.

It has been estimated that at least half of all chronic degenerative illness and some types of cancer can be linked to silver-mercury fillings, allergy producing dental materials, root canals, hidden infections, and the misalignment of the teeth and jaw.

What are some of the symptoms of suspected reaction to toxic dental materials?

- Unexplained irritability
- Constant or very frequent periods of depression
- Numbness and tingling in extremities
- Frequent urination during the night
- Unexplained chronic fatigue
- Cold hand and feet, even in moderate or warm weather
- Bloating feeling most of the time
- Difficulty with short-term memory
- Sudden, unexplained, or unprovoked anger
- Constipation on a regular basis
- Difficulty in making even simple decisions
- Tremors or shakes of hands, feet, head, etc.
- Twitching of face and other muscles
- Frequent leg cramps

- Constant or frequent ringing or noise in ears
- Shortness of breath
- Frequent or recurring heartburn
- Excessive itching
- Unexplained rashes, skin irritation.
- Constant or frequent metallic taste in mouth
- Jumpiness, jitteriness and nervousness
- Constant death wish or suicidal intent
- Frequent insomnia
- Unexplained chest pain
- Constant or frequent pain on joints
- Tachycardia
- Unexplained fluid retention
- Burning sensation on the tongue
- Headaches just after eating
- Frequent diarrhea

A full dental evaluation is included in Hope4Cancer®'s treatment protocol. We work closely with two biological dentistry practices in the area in an effort to reduce the toxicities caused by the three main areas listed in the box above: root canals, amalgams/metal fillings and cavitations. While the evaluation is included in your package, the cost of any work done by the dentist is your responsibility.

Additional Home-Based Detoxification Methods

The following are additional detoxification routines that you can conduct in your home.

Salt and Soda Baths. During periods of intense toxicity, a warm bath with added baking soda can greatly help to mobilize toxins out of the body through the skin. In a fairly warm bath, add one cup of baking soda (sodium bicarbon-

ate) and one cup regular table (or Sea) salt. Lie in the bath for 20 – 30 minutes. Rinse with plain water when finished soaking to prevent the salt from drying your skin. The bath should be repeated daily until symptoms diminish.

Vinegar Baths. Vinegar baths can be done at least twice a week. In a warm bath, add one cup of organic apple cider vinegar. Lie in the bath for 20-30 minutes. The vinegar will help to pull toxins from the skin. During the periods of intense toxicity, the vinegar baths can be done daily.

Mustard Foot Soaks. This particular remedy is very helpful for toxic headaches, generalized “goopy” toxic symptoms, muscle aches and pains, and water retention in the ankles or other parts of the body. In a basin of warm water, add one tablespoon of dry mustard powder and 1 teaspoon of ground cayenne pepper. Sit in a comfortable chair and soak your feet in the basin for 20-30 minutes. The mustard soaks can be repeated 2 – 3 times each day, and should be continued during periods of intense toxicity.

Castor Oil Compresses. This is an old folk remedy that helps draw out toxins from the body. The compresses are particularly useful when applied to areas of pain, where tumors might be breaking down. Buy castor oil from your health food store or pharmacy. Warm the oil gently in a pan. Soak a washcloth, towel, or other natural cotton cloth in the oil and apply over the site of the tumors, areas of pain, and areas of inflammation. Keep the compress in place for 60 – 90 minutes. You can place a hot water bottle on the compress to keep it warm. Wash the oil off your skin when you are finished. The castor oil poultices can be applied as often as you need relief, as they are not

harmful. Do be careful not to overheat the oil or you might burn yourself when applying compress.

Skin Brushing. Skin brushing is a method of stimulating and cleansing the lymphatic system, and detoxifying the skin. However simple it may seem, it is a very powerful effective technique. Use long handled brush (with natural vegetable bristles) or a loofah sponge; these are available in most health food stores. The brush or sponge should be kept dry. The body should be dry, and the brush should be passed over the skin in a clean sweeping motion – no back and forth or scrubbing motions. The brushing should be done in the direction of the lower abdomen – up the legs, up the arms, and down the neck and trunk. The face should not be brushed. Skin brushing should be done once or twice per day. In times of intense toxicity, the brushing can be increased to four times per day.

Bentonite Enema. During periods of intense toxicity, another valuable aid is the Bentonite Enema. A single one quart Bentonite Enema should be done once a week instead of your usual coffee enema. To do the enema, you should add four ounces (1/2 cup) of the liquid bentonite to 28 ounces (3-1/2 cups) of filtered warm water to produce a quart (4 cups) of liquid. Insert the entire quart (4 cups) as a single enema and hold for ten minutes. Then expel. Again, this should be done only once a week. The bentonite is very effective and draws out toxins from the intestinal tract. This can be done after a session of coffee enemas, but not immediately before them as the coffee will wash out the bentonite.

Castor Oil Pack Detoxification. The castor bean (Oleum Ricini) is known principally as a cathar-

tic (strong laxative). As a pack placed over the abdomen, usually with heat applied, the oil is absorbed into the lymphatic circulation to provide a soothing, cleansing, and nutritive treatment.

The castor oil pack is specific for non-cancerous uterine fibroids and ovarian cysts. Other conditions which seem to respond well include headaches, liver disorders, constipation, intestinal disorder, gallbladder inflammation or stones, conditions with poor elimination, night time urinary frequency, and inflamed joints. It is not to be used during pregnancy, heavy menstrual flow, or the presence of internal bleeding.

Materials Needed: organic castor oil, a sheet of plastic (a garbage bag is fine), 36" x 18" piece of cotton flannel, hot water bottle or heating pad, pillows, and baking soda.

Procedure:

Fold flannel into 3 layers to fit over entire abdomen.

Soak flannel with castor oil. Fold flannel in half and strip excess from pack. Unfold.

Lie on your back with your feet elevated (use of a pillow under your knees and feet works well), placing oil-soaked flannel over abdomen, cover with a small sheet of plastic and then an old towel. Place a hot water bottle or heating pad on top.

Leave pack on for 45-60 minutes. Practice relaxation breathing by placing one hand on your diaphragm and the other hand on your lower abdomen. As you breathe in, force your lower abdomen to swell like a balloon. With each breath out, practice relaxing your jaw and shoulders. As you practice more, relax all muscles in your body. You may even fall asleep and wear the pack all night. If using a heating pad, unplug it before falling asleep.

To remove the oil, wash with a solution of 2 tablespoons of baking soda to 1 quart (4 cups) of water or Biokleen Citrus Soap.

Store the castor pack in the refrigerator in a large zip-lock bag. Add more oil only as needed to keep the pack saturated. Replace the pack after it begins to change color.

For maximum effectiveness, apply the pack as often as possible, at least 4 consecutive days per week for at least 4-6 weeks. Daily use provides the most beneficial effects.

Alternative Method: Apply the castor oil directly to your abdomen without the flannel pack. A sheet of plastic covers the oil soaked skin, with towel on top. A hot water bottle or heating pad is applied. This is often applied for the entire night and in the morning the castor oil will be totally absorbed through the skin. This is the best method for young children. Use old sheets as the castor oil stains permanently.

9

Anti-Microbial Therapy

“It Is Never Too Late to Begin Creating the Bodies We Want Instead of the Ones We Mistakenly Assume We Are Stuck With.”

– Deepak Chopra

The body harbors a large number foreign “residents” in the form of bacteria, viruses, protozoans, fungi and other microorganisms. A healthy body has an average of 10 microbes for every human cell! It should be understood then that the microbes are not really the problem - it is the imbalance in their population and, as a result, favoring of harmful microbes is related to and can even cause chronic disease, including cancer.

Despite a century of credible cancer microbe research, the medical profession generally ignores all aspects of research implicating bacteria, viruses, fungus and other pathogens in cancer and certain chronic diseases (heart disease, osteoarthritis, among others).

Although medical science claims the cause of most cancers is unknown, there is evidence accumulated since the late 19th century to show that cancer is a disease caused by infectious bacteria (not to be confused with viruses which are not visible microscopically). In 1890 the noted Scottish pathologist William Russell (1852-1940) discovered round forms in cancer tissue which he interpreted as “the characteristic organism of cancer.” These forms were subsequently discredited as infectious agents but have become known to every pathologist as “Russell bodies.” (For more details see, “The

Russell Body: The forgotten clue to the bacterial cause of cancer” at:

<http://www.rense.com/general44/russell.htm> .

The most vocal proponent of bacteria as a cause of cancer was the late Virginia Livingston, M.D. In 1950, Virginia Wuerthele-Caspe Livingston and Eleanor Alexander-Jackson (a microbiologist), along with John A Anderson (head of the Department of Bacteriology at Rutgers), James Hillier (head of the electron microscopy at the RCA Victor Laboratories at Princeton), Roy Allen (a renowned microscopist), and Lawrence W Smith (author of a well-known pathology textbook used in medical colleges), all combined their talents to write a paper entitled “Cultural Properties and Pathogenicity of Certain Microorganisms Obtained from Various Proliferative and Neoplastic Diseases,” published in the December issue of The American Journal

of the Medical Sciences. The characteristics of the cancer microbe in blood, tissue, and culture, were described in detail; and the extreme pleomorphic nature of the organism was revealed in photos taken with the electron microscope at a magnification of 31,000X.

The cancer microbe, which Livingston later called Progenitor cryptocides, was filterable through a pore designed to hold back bacteria, indicating that the smallest forms of the microbe were indeed “virus-sized.” However, with time these filter-passing were able to grow and revert back to the size of conventional bacteria.

The microbe was characterized as pleomorphic that is, having more than one form and size. The smallest forms of the organism were virus-like, and the larger bacterial forms were comparable to what bacteriologists call “mycoplasma”, “L-forms” and “cell-wall deficient forms.” The largest forms of the organism resembled what Russell called “the cancer parasite.” Livingston believed the organism was closely related to the mycobacteria, the species of acid-fast bacteria that causes tuberculosis. She claimed the “acid-fast” staining method was essential to identify the microbe in tissue and in culture.

In a series of papers Livingston and her colleagues all continued important cancer microbe research showing the characteristic “connective tissue parasite” of cancer, the germ that could be found inside the cell (intracellular) and outside the cell (extracellular) in all cancers they studied. Livingston always stressed that the microbe tends to involve the collagenous (connective) tissue, and the photographs presented here in prostate cancer confirm that.

When she died in 1990 at the age of 84, she was widely regarded as a quack, particularly by the American Cancer Society which claimed her cancer microbe did not exist. Likewise, a bulletin published by the National Cancer institute on Nov 30, 1990 stated: “There is no scientific evidence to confirm Livingston’s theories of cancer causation.”

More details covering a century of cancer microbe research can be found in the book, *The Cancer Microbe: The Hidden Killer in Cancer, AIDS, and Other Immune Diseases* (1990), in *Cell Wall Deficient Bacteria* (1993) by Lida Mattman, Ph.D., in “Can Bacteria Cause Cancer? Alternative Medicine Confronts Big Science” (1997) by David Hess, and also by initiating a computer search at www.google.com and typing in “cancer bacteria”, “cancer microbe”, or “cancer-associated bacteria.”

Over the past four decades personal publications in medical journals record the presence of cancer bacteria in various cancers, including breast cancer, Kaposi’s sarcoma, Hodgkin’s disease, mycosis fungoides, as well as in non-cancerous diseases like scleroderma, lupus erythematosus, and sarcoidosis. Additional papers on the microbiology of cancer are presented online at the Journal of Independent Medical Research web site (www.joimr.org). References and abstracts on 10 cancer microbe medical publications can be found at the National Library of Medicine’s “PubMed” web site (www.ncbi.nlm.gov/PubMed). Type in “Cantwell AR + cancer bacteria”).

According to Livingston, the cancer microbe is present in the blood, tissue, excreta, and body fluids of all human beings. When the immune system is functioning normally these microbes did not cause disease. However, when tissue is

damaged or weakened these microbes became aggressive and pathogenic, producing hardening and thickening of the tissue (such as found in scleroderma and heart disease), inflammation (autoimmune diseases and sarcoidosis) and proliferative and cancerous changes. The cancer microbe is essential to our life biology. When conditions are adverse, it emerges and reverts to its pathogenic form.

Livingston's research is connected with newer microbiologic findings indicating that the blood of all human beings is infected with a variety of so-called "cell wall deficient" bacteria. Tiny, virus-like forms of the cancer microbes are undoubtedly related to the tiniest of newly-discovered bacteria currently called nanobacteria. These previously neglected and largely-unstudied nanobacteria, which lie in size between the normal-sized bacteria and the smallest viruses, are thought to be involved in a variety of skin and heart ailments presently labeled as diseases of unknown etiology. An excellent source of up-to-date nanobacteria research can be found at the Nanobac Pharmaceutical web site (www.nanobac labs.com/research).

Antimicrobial Therapy at Hope4Cancer®. At Hope4Cancer®, we treat antimicrobial therapy as an integral part of cancer treatment. The role of microbes in cancer propagation is significant and requires attention. Photo Dynamic Therapy is also effective in removing microbes and has been used in the field of dentistry in combating oral infections. Using localized and whole body Sono-Photo Dynamic Therapy approaches, Hope4Cancer® simultaneously achieves antimicrobial sterilization of the body over a period of time. AloeMed Therapy also has established antimicrobial properties.

In addition to the use of Photo Dynamic Therapy, Hope4Cancer® uses a series of cleanses that combat microbial populations. In particular, an optional therapy involves a complete cleanse protocol that removes parasites, especially from the gut.

UV Blood Irradiation (UVBI)

In 1996, Dr. Robert Rowen wrote about the "Cure That Time Forgot" in the *International Journal of Biosocial and Medical Research*. Discovered in the 1940's, Ultraviolet Blood Irradiation Therapy boasted a cure rate of 98 to 100% in early and moderately advanced infections - both bacterial and some viral. Its cure rate in terminally ill patients was 50%. Besides infections, this treatment benefited the healing of wounds, asthma and arthritis, many of them intractable cases. The treatment was adopted in several hospitals at that time, but suddenly disappeared as the convenient use of antibiotics took center stage.

Today we live in a time when chronic infections are rampant. Microbes have become more and more resistant to antibiotic regimens. As chronic diseases increase in complexity with time, chronic infections tend to accompany them.

One of the key elements in severe deficit in the body of someone suffering from a chronic disease such as cancer is oxygen. Anaerobic pathogenic microbes thrive in an oxygen-depleted environment. The likelihood of pleomorphic forms of pathogens in the body is a realistic cause of worsening disease status.

Ultraviolet Blood Irradiation Therapy (also known as photo-oxidation therapy, photoluminescence or extracorporeal photophoresis) uses the benefits of ultraviolet light in enabling the oxidation of ozone in blood. Pathogens that live within the body maintain a very high sensitivity to UV irradiation, which make them extremely vulnerable to this treatment.

It appears that by destroying the pathogens in the treated sample of blood, an autogenous (self-generated) vaccine is produced. There is also evidence that ultraviolet radiation continues to be given off by the treated blood after it is infused back into the body. This is referred to as induced secondary radiation, and it contributes to the rapid destruction of the pathogens in the blood. It has also been observed that UVBI inactivates toxins produced by bacteria and viruses. Ultraviolet Blood irradiation also increases the oxygen combining power of the blood, increases cell permeability and tends to restore normal chemical balances in the body.

Once the process is complete, the blood is returned in a slow drip back into the patient's blood stream.

The physiological benefits of this treatment can be summarized as follows:

- a. Inactivation of toxins and viruses.
- b. Destruction and inhibition of growth of bacteria.
- c. Increase in oxygen-combining power of the blood.
- d. Activation of natural body steroids.
- e. Increased cell permeability.

- f. Absorption of ultraviolet rays by blood and emanation of secondary irradiations (absorbed UV photons re-emitted over time by the re-perfused blood).
- g. Activation of sterols into Vitamin D.
- h. Increase in red blood cells and hemoglobin.
- i. Normalization in white blood cell count.
- j. Lowering of thrombocytes, fibrin. full blood and plasma viscosity and platelet aggregation.
- k. Increase in acid buffering capacity and blood pH.
- l. Reduction in blood pyruvate content, cholesterol count, transaminases, creatinine levels, uric acid, and lactate content.
- m. Improvement in glucose tolerance.
- n. Improvement/modulation in immune defenses, phagocytosis capabilities and bactericidal effects in the blood.

Because of its extensive effects, UVBI has been used in a variety of scenarios. These include: Infections of all types, both acute and chronic, (bacterial, viral fungal & protozoa), Asthma, acute & chronic inflammatory conditions, skin disorders (psoriasis, proliferative skin disorders), trauma, toxic conditions of all types (endogenous, pregnancy, exogenous, such as snake bites or any organic poisoning), thrombophlebitis, cancer, general detoxification (bacterial toxins, vaccinations), spasms, bursitis, rheumatic fever, non-vegetative endocarditis (NOT vegetative), trauma, pre and post-surgery.

A photo-oxidation (UVB Therapy) treatment consists of the insertion of a needle into a vein and the withdrawal of 60 or more cc's of blood that is treated with ozone (60 ml at 40 gamma), passed through tubing where it is exposed to an ultraviolet (UV Ultra-violet "C" Light) light briefly. The treated blood is then directly returned to the patient's bloodstream. The only discomfort is during the insertion of the needle and is minimal. The effects are long lasting and there is an absence of harmful side effects. The simple treatments are easily combined with other medical procedures and are economical, dependable and gentle for the patient.

Contraindications: UBI Should not be used in the following situations: porphyria, photosensitivity, acute hemorrhagic diseases (not including routine medical anticoagulation), fever of unknown origin, hyperthyroidism, sub acute appendicitis and cholecystitis or Immediately after a myocardial infarction.

Possible Adverse Reactions due to UBI:

Reactions due to death of bacteria: Frequently in acute pyogenic infections, especially those associated with a bacteria or septicemia, a reaction may occur in the first twenty-four hours following a UBI due to the rapid death of large numbers of bacterial organisms (Herxheimer Reaction).

Photosensitization: Photosensitive drugs and light combined may produce a rapid increase in tissue permeability, especially of pulmonary, cerebral or subcutaneous edema, ascites and even edema of the kidneys.

Shock: The withdrawal of blood from a patient in profound shock has been performed frequently in the Knott Technique with no untoward effects. On the contrary, the rapid disappearance of shock following re-injection of irradiated blood has been ob-

served. However, the possibility of shock cannot be ruled out depending on the condition of the patient.

Parasite Cleanse Protocol

The previous chapter on Antimicrobial Therapy highlighted how microbes can play a very important and often invisible role in cancer and other diseases. Removal of parasites is an important step in eliminating a potential cause for the disease. Conventional medicine has specific medicines that target one or two parasites at a time that are treated with poisons that harm the individual as much as the parasite. Moreover, they cannot get rid of the majority of pathogens besieging the body.

Dr. Clark's Quick ParaZap contains a unique combination of pure, fresh herbs that provide powerful cleansing support when used as directed. This cleanse supports the body's natural defenses with natural compounds that discourage the proliferation of foreign organisms known to occupy the human body, bringing about balance between body and microorganisms.

The contents of Dr. Clark's Quick ParaZap include:

- Turmeric Cardamom Seed
- Nutmeg Coriander Seed
- Wormwood Fennel Seed
- Anise Seed Cloves
- Green Freeze-dried Hull (from Black Walnut tree)

This combination of herbs can rid you of over 100 types of parasites. No headache, nausea or any interference with any drug that you are already on.

These three herbs must be used together. Black walnut hull and wormwood kill adults and developmental stages of at least 100 parasites. Cloves kill the eggs. Only if you use them together will you rid your-

self of parasites. If you kill only the adults, the tiny stages and eggs will soon grow into new adults. If you kill only the eggs, the million stages already loose in your body will soon grow into adults and make more eggs. They must be used together as a single treatment.”

Directions: Start with one capsule the first day, at least 13 minutes before a meal. On day 2 take 4 capsules, two at a time, 13 minutes before lunch and dinner. On day 3 and 4 take 9 capsules all at once. On days 5 through 11 take 14 capsules all at once. Stop until day 18, then take another 14 capsules. From then on take 14 capsules, all at once, once per week. Or as directed by a health professional. Keep away from children. Do not use if you are pregnant or nursing. Do not exceed recommended daily intake.

Dr. Clark’s Quick ParaZap is part of the overall Cleanse program that is available at Hope4Cancer®. Other products in this series Dr. Clark’s Quick Digestive Aid, Dr. Clark’s Quick Kidney Cleanse and Dr. Clark’s Quick Liver and Gallbladder Cleanse. Dr. Clark’s Quick ParaZap is best used in sequence with Dr. Clark’s Quick Digestive Aid (colon cleanse).

10

Oxygen Therapy

“All Normal Cells Have an Absolute Requirement for Oxygen, But Cancer Cells Can Live Without Oxygen - A Rule Without Exception.”

– Dr. Otto Warburg

Why Is Oxygen Important In Cancer? Oxygen, is the primary nutrient that cells use to generate energy for all its functions. This energy is produced through the process of oxidation. The fuel on which the body's cells run is called adenosine triphosphate (ATP). ATP must be created by all cells, including cancer cells, for energy through an oxygen dependent process. Healthy cells require the conditions of alkalinity and high molecular oxygen to produce ATP and function properly. In contrast, non-oxygen respiratory “organisms” - such as cancer cells - make ATP in conditions of acidity and low oxygen, leading to an acidic environment, ripe for the formation of cancerous cells and their growth.

Oxygen Therapies at Hope4Cancer®. Oxygen therapies or oxidative therapies and their therapeutic uses available at Hope4Cancer® Institute include a number of options. The following are the main forms of delivering oxygen used here:

Ozone Therapy

This includes administration of ozone intravenously, intra-vaginally or trans-rectally. We also deliver ozone using cold plasma ozone technology.

Ozone is an unstable gas made up of three atoms of oxygen that gives up a nascent (reactive) oxygen molecule to form diatomic oxygen gas. The first use of ozone from a medical sense was in 1932 when a Swiss dentist used ozonated water as a disinfectant.

Medical ozone is made when medical grade oxygen is activated using an ozone generator to form ozone. In medical grade ozone the ratio of pure oxygen to pure ozone ranges from 0.05% to 5% ozone in oxygen.

Ozone gas has a high oxidation potential - by picking up extra electrons it can be used as a powerful antimicrobial agent as well, 1.5 times as powerful as chlorine without the toxic effects.

The biological effects of ozone include:

- a. Antimicrobial action
- b. Anti-inflammatory and analgesic action
- c. Immune-stimulating action
- d. Anti-hypoxic action
- e. Bioenergetic and biosynthetic action.

The use of ozone allows for the elimination of pathogens, restoration of proper oxygen metabolism, induction of a friendly biological environment, increased circulation, immune activation and stimulation of the humoral anti-oxidant system.

The oxygenation of cancerous tissue with ozone helps change the environment of the cancer tissue to one that favors the growth of healthy cells.

Cold Plasma Ozone Therapy. Hope4Cancer® Institute has a cold plasma ozone generator which has the advantage of being able to produce far greater quantities of ozone in a given space and time when compared to the more commonly used ultraviolet generator. This is especially useful when treating large tumor areas and for deeper and more concentrated oxygenation.

Hyperbaric Oxygen Therapy

Hope4Cancer® Institute uses hyperbaric oxygen therapy (HBOT) in conjunction with our other treatments. Delivery of oxygen at high pressure has been found to have beneficial effects in overall oxygenation of the body, as well as in supporting other therapies that depend on oxygenation at the tissue level.

In HBOT, a patient is placed in a chamber where the pressure of oxygen can be increased and controlled. Under normal circumstances, oxygen is transported throughout the body only by red blood cells. With HBOT, oxygen is dissolved in all of the body's fluids including the plasma, the central nervous system fluids, the lymph and the bone and can be carried to areas where circulation is diminished or blocked. Many areas of tissue damage or cancerous growth are characterized by a low supply of oxygen and HBOT can make inroads to resupply these areas. The increased oxygen also enhances the abil-

ity of white blood cells to kill bacteria, reduces swelling and allows new blood vessels to grow more rapidly in the affected areas.

HBOT is simple, painless and non-invasive. It is used to treat many different types of conditions some on, and others, off-label. Off-Label uses includes treatments for autism, cerebral palsy, Lyme disease, migraine, multiple sclerosis, near drowning, recovery from plastic surgery, sports injuries, stroke, traumatic brain injury and, of course, cancer.

Only clean cotton clothing is preferred for the treatment. Do not wear any cosmetics, perfumes, hair preparations, deodorants, wigs or jewelry during your therapy. Giving up smoking helps with the transport of oxygen during the therapy.

Overall, HBOT is extremely safe when performed under medical supervision. Most common side effects include reversible barotrauma to the ears and sinuses caused by change of pressure. Sometimes changes in vision may also occur temporarily.

Oxygen as Therapy Support

Oxygen is an essential component of Sono-Dynamic Therapy as well as Whole Body Hyperthermia wherein the patient is administered oxygen through a nasal cannula during the period of the treatment.

Liquid Oxygen Supplement

The previous chapter on Antimicrobial TheraLiquid Oxygen is a unique product taken orally that has the ability to dissociate the water molecule into nascent hydrogen and nascent oxygen. This easy method of oxygenation is provided to you as part of your Home Program.

11

German New Medicine & Recall Healing

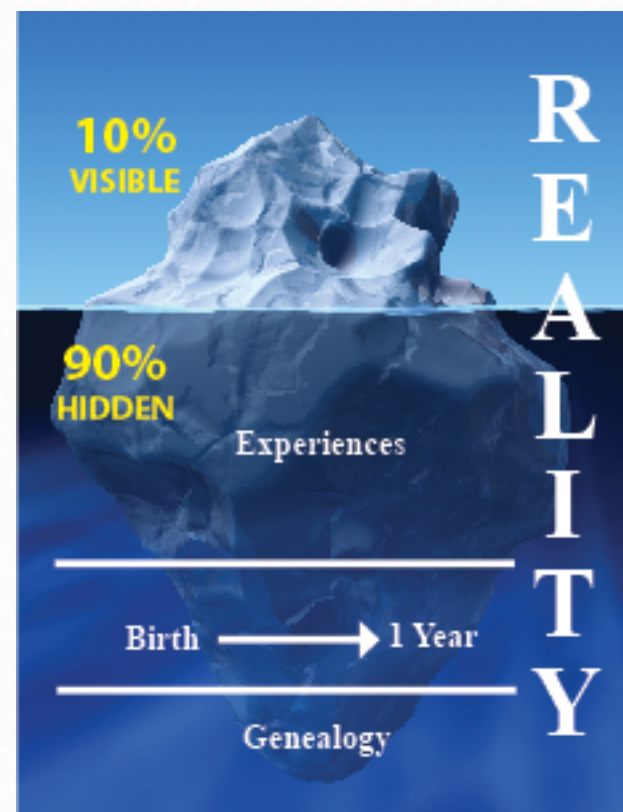
**“We Are Sick Because We
Are Not Aware. Awareness
is the Key to Healing.”**
– Anonymous

The processes in the body that underlie the disease process go much deeper than what is apparent. Recall Healing presents a different way of seeing health and life. It brings to light an understanding of who we really are from a biological point of view. It gives us access to a new level of awareness, facilitating a quantum leap in our understanding of life, health and disease.

Disease has meaning: it shows us externally what, unbeknownst to us, exist in the depth of our being. This new awareness is in fact the healer within. Becoming aware of a previous emotional trauma, as well as the “felt experience” associated with this trauma, is the best way to gain a better future, free from recurrent flashbacks. In our work, our love relationships and our behaviors we continually repeat patterns which attract to ourselves the corresponding people and events which enable us to experience again and again the same consequences, which also become the stimuli for internal mechanisms that lead to disease. One such readily apparent disease is stress, but that is an obviously apparent consequence to external physical and emotional stimuli. Less apparent consequences are the body mechanisms that react to take us steadily towards advanced disease states.

What is even more meaningful is that many of these stimuli lie embedded deep down in the psyche, often forgotten by the carrier who feels the consequences without even remembering what may have caused it.

Being aware of what we carry within us is the first step toward a new life, and toward becoming who we really are. In your fight against cancer, we offer you techniques and methods that will help you connect with the disease stimuli and eradicate them from your life.





Our deepest fear is not that we are inadequate.
Our deepest fear is that we are powerful beyond measure.
It is our light not our darkness that most frightens us.

We ask ourselves, who am I to be brilliant,
gorgeous, talented and fabulous?
Actually, who are you not to be?
You are a child of God.

Your playing small does not serve the world.
There's nothing enlightened about shrinking so that other
people won't feel insecure around you.
We were born to make manifest the glory of
God that is within us.

It's not just in some of us; it's in everyone.
And as we let our own light shine,
we unconsciously give other people
permission to do the same.

As we are liberated from our own fear,
Our presence automatically liberates others.

Marianne Williamson

12

Energy Medicine

“Nothing Happens in the Body Without An Electromagnetic Exchange.”

– Dr. Antonio Jimenez, MD

Recent studies using nanoparticles have discovered that human cells have within them electric fields that are as strong, or stronger, as those produced in lightning bolts. The role of the body's electromagnetic field is profound and influencing it can bring about powerful, therapeutic effects. We describe here our energy medicine devices - Pulsed Electromagnetic Field (PEMF), Ondamed and Cyberscan, all at the leading edge of Energy Medicine in the world today.

Pulsed Electromagnetic Field Therapy (PEMF)

Pulsed electromagnetic field therapy uses electrical and magnetic fields to address health issues. This technology is best known in the area of pain managements but has many applications.

In a summary of clinical results, Siskin and Walker reported in 1995 that PEMF showed the following positive effects without any adverse effects:

- Decreased pain
- Reduced inflammation
- Increased range of motion

- Faster functional recovery
- Reduced muscle loss after surgery
- Increased tensile strength in ligaments
- Faster healing of skin wounds
- Enhanced capillary formation
- Acceleration of nerve regeneration
- Decreased tissue necrosis

At Hope4Cancer® Institute, we are aware that cancer seldom occurs isolated from other conditions. Most of our patients have multiple conditions along with their cancer challenge. Many of these result in pain, joint problems, neurological issues, inflammation, circulation problems and more. The ability of PEMF to help all these conditions makes it a must-have treatment that patients undertake everyday at the clinic.

Hope4Cancer® has two PEMF-120 devices available to our patients which, at 10,000 Gauss (1 Tesla), have the highest electromagnetic field intensity among commercial PEMF devices. The higher the intensity, the higher the charge that will be produced in the body, and the faster the cells in the body will be affected. A 1 Gauss magnet will produce 100,000 times more powerful charge than what the body produces on its own. The PEMF-120 produces intensities between 1,000 and 15,000 gauss, which at the higher intensities can produce enough charge to cause muscle contractions.

As a result of very high intensities, the produced high charges in the body can increase the Adenosine Triphosphate (ATP) of cells by up to 500%, giving cells more fuel to be efficient in the body, and influencing stimulation for the body's own capacity for healing. The PEMF-120 is a time-varying magnetic field which induces an electric field in the body, whose magnitude is proportional to the rate of change of the magnetic wave. The ability of this system to produce up to 5.3T per microsecond produces these changes substantially and quickly, garnering noticeable results at amazing rates.

By introducing a complementary electromagnetic field into the body, you can reestablish healthy electromagnetic exchanges. This is where PEMFs are so valuable – they stimulate all levels of the body. They are non-toxic and non-invasive, and also penetrate through the entire body, affecting individual cells that make up the tissues, organs, and complete body systems.

Says Dr. Jimenez, “Nothing happens in the body without an electromagnetic exchange!”

PEMF is worked into the daily routine of each patient with many of them experiencing an immediate symptomatic difference after a short daily session. To read a white paper on PEMF technology, go to:
<http://www.hope4cancer.com/images/books/pemfwhitepaper.pdf>.

CyberScan

Cyberscan is the ultimate immune balancing technology. Using technology and patents developed by one of the world's greatest geniuses, Nikola Tesla, Cyberscan scans the morphogenetic (form-holding) energy field surrounding every cell in the body of a living being. It can pinpoint imbalances and disorders within a living being and subsequently imprint the balancing information into 0.9% isotonic solution which delivers it to the patient's immune system. The system also creates a personalized EMF shield eeCard that protects the patient from the invisible electrosmog and geopathic stress, deadly to our immune system.

Cyberscan is being used by NBA teams and has been featured in Oprah Winfrey's network show as one of the most revolutionary technologies in the market today.

Humans are made of morphogenetic energy - a fundamental energy that creates shape. Surrounding every atom, cell, organ, system and even our physical body is a morphogenetic energy field which is made of information. For example, the feeling of a “phantom” limb in amputees where their limb would have been is an example. While biochemical changes require hormones, enzymes and other biomolecules, there are changes that occur triggered by electromag-

netic signals of the brain. This makes the brain, while very effective, also very susceptible to interference.

The immune system is designed to be intelligent, strong and independent, but easily disturbed. Malicious pathogens such as bacteria, parasites, fungi, viruses etc become hard to detect and are able to carry out their malicious work by interfering with the morphogenetic energy field. Similarly, degenerated and malfunctioning human cells cannot be detected by the affected immune system. Very often the immune system fails to recognize changed situations and respond accordingly. Without being able to detect the danger, the immune system fails to respond.

Cyberscan detects the energetic imbalances of the body and compensates for them by transmitting balancing frequencies. Cyberscan stimulates the immune system, essentially building up the body's self-healing powers. Only the immune system can address the cause, all other treatments can, at best, deal with symptoms. That is what makes Cyberscan an extremely powerful device.

Ondamed Bioenergetic Device

ONDAMED is an advanced technology from Germany that uses a non-invasive, painless bio-feedback technique to detect and repair areas of cellular imbalance and tissue inflammation. Ondamed uses pulsed electromagnetic frequency when specific imbalances are identified to help put the body back in energetic balance. This technology has been used for more than 15 years in Europe and is now being used throughout the world in countries including the

United States, Korea, Dominican Republic and Mexico.

During the first session, the practitioner scans the body and interference fields are identified. Frequencies are then simultaneously delivered to each individual to bring the body back into homeostasis, thus creating cellular balance. Subsequent treatment sessions (often 5-10, or more) are then scheduled.

Research suggests that our thoughts and emotions set off a cascade of events involving neurotransmitters, enzymes and hormones that can trigger how our genes express themselves in our cells. In relation to energy medicine, part of this biochemical cascade of events involves a transfer of electromagnetic energy at the cellular level, which helps to facilitate this process. The human body functions through multiple layers of systems, some physical, some chemical, some energetic, and some might say spiritual, all divinely aligned and integrated with each other in a way modern science has not yet completely figured out.

Disease occurs when there is a disruption in the natural flow of this intricate system, and healing occurs when that natural flow is realigned. Realignment of this flow can be facilitated at various points along the path through any number of physical, chemical and energetic ways. Ondamed focuses on rectifying the energetic processes involved in healing.

The Ondamed technology has been used to help a variety of patients with different conditions. Some of the conditions include chronic fatigue, fibromyalgia, immune dysfunction, menstrual and menopausal complaints, osteoporosis, anxiety, depression, insomnia, chronic pain, Crohn's disease and Lyme disease.

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Non-Invasive Assessments

At Hope4Cancer® Institute, we minimize radiation-based assessment technology and compensate with non-invasive assessment methods. These methods are useful not only for visualization, but also to provide feedback about the functional status of the body's organs and systems that cannot be accomplished through radiology-based methods.

Zyto Analysis

The Zyto technology uses proprietary software and hardware to measure and interpret galvanic skin response, caused by changes in the body's electrical conductivity under the influence of digital stimuli. The interpretation of this data provides an array of useful information regarding the status of the patient's physiology. Abnormal scenarios are measured as areas of negative coherence.

Just like a flight simulator allows a pilot to see how he may respond to various situations (or stimuli), the Zyto does the same for the body. The technology digitizes information contained in chemicals, toxins, medications, supplements, foods etc. In less than a second the

body can respond to these stimuli and the body's reaction can be recorded in a variety of reports. These reports can help your doctors make individualized decisions regarding your treatment protocols.

For example, if a supplement responds with coherence, it means that it is indicating biological preference. A negative coherence can indicate biological aversion. These responses are measured through the galvanic response obtained through a simple hand cradle device. All a patient needs to do is place their hand on the cradle for the system to do its work.

Very often a symptomatically obvious supplementation choice can cause an unexpected reaction. Zyto's role at Hope4Cancer® is to un-

cover these invisible relationships and provide a truly customized protocol for each patient.

Thermographic Analysis

Computerized (or Contact) Regulation Thermography, or CRT, is an FDA approved (US FDA 510(k) Class I Medical Device), objective and non-invasive way of evaluating your body's functions. It is the EKG of the natural physician. CRT represents one of several objective diagnostic evaluations in integrative medicine. It is a medical imaging method that supplies information as meaningful as MRI and X-ray, and is radiation-free, safe and non-invasive.

Thermography has over 12,000 citations and studies held within current medical journals.

Widely used in Europe by over 1500 physicians, Hope4Cancer® has introduced this tool to add value to its diagnostic capabilities.

CRT 2000 Thermographic System Features:

- The CRT 2000 helps physicians practice functional medicine.
- Patient centered rather than disease oriented.
- Assesses patient health as a whole: functional scan of every major organ.
- Comparative analysis system based on comprehensive case files spanning 25 years.

The CRT Advantage:

- Non Invasive
- FDA and CE approved
- 100% safe: No Radiation
- Locates focal points of developing or existing illnesses
- Can detect disease processes far in advance of symptoms
- Highly reproducible

- Technician training can be completed in as little as 4 hours
- Procedure is completed in 20 minutes
-

How It Works. The CRT 2000® Thermographic System measures how the body responds to stress (cold stimulus). These minute, detectable changes in circulation patterns and thermal characteristics of the major organs produce data that can be used for adjunctive diagnosis of certain indications such as: breast, ovarian, and prostate cancers as well as stomach, liver, gall bladder, pancreas, and heart problems. In addition, it can reveal allergic reactions and the hidden locations of infected or toxic tissue in the teeth and sinuses. Thermography measures temperature from the surface of the body and is therefore a test of physiology. Empirical data allows us to identify likely disease processes, by comparing patients' physiological responses to profiles of patients who have progressed to specific diseases.

CRT should be used instead of mammography as a screening test for breast cancer. Mammography is done using ionizing radiation, which is a known carcinogen.

The Measurement Procedure. The 30 minute CRT examination involves use of a passive skin temperature sensor, or a direct temperature measurement probe, on a patient to take two readings consisting of 119 measurements each. The first reading is taken as the patient progressively disrobes. The patient waits for 10 minutes disrobed during which time an autonomic response to the cold stimulus sets in. Following that, the second reading is taken. A Thermogram, Reaction Profile and Patient Evaluation Report are generated that is used for adjunctive diagnosis.

Patient Prerequisites:

- The patient should not take homeopathic or regulative type medications, excluding medication critical to the patient's health.
- The patient should not have any type of regulative therapy for two weeks prior to the session. This includes neural therapy, acupuncture, bioenergetics treatments, or electro-neural diagnostics or therapy.
- The patient must not shower on the day of their examination.
- The patient must not use body lotions or cosmetics.
- The patient should not wear tight clothing
- Females should remove their bras 30 minutes prior to the procedure.
- Patients should avoid any strenuous physical activities prior to the procedure.
- The patient should have a light breakfast.
- The patient must not consume alcohol prior to the procedure.

Measurement Regions. The CRT Measurement Procedure is completed by measuring regions in the following order: Teeth/Dental, Head, Neck, Chest, Upper Abdomen, Lower Abdomen, Back, Breasts.

High Resolution Color Doppler Ultrasound

The use of ultrasound technology has more value than simply identifying tumors. High Resolution Color Doppler technology allows us a deeper understanding by providing us feedback on the vascularity of (blood flow within) the tumor, in addition to size and location. In conventional medicine, color Doppler ultrasounds are used to locate areas of restricted or blocked blood flow in veins and arteries, and

has become an important tool in the resolution of cardiovascular disease. However, in the case of cancer, this technology is not used effectively because reduced vascularity of the tumor is not the “desired” end point of chemotherapy or radiation. However, when the goal is to not only reduce the size of the tumor, but also to eradicate the source of life to the cancer, the progressive elimination of the tumor through restricting its blood flow becomes extremely important.

Sono-Photo Dynamic Therapy in combination with our other whole body treatments typically result in lowered vascularity, which provides clear evidence of forward progress in the treatment.

E.S. Teck Complex System

The E.S. Teck Complex System is a combination of two biosensor technologies rolled into one - BIOIMPEDANCE and SPECTROPHOTOMETRY. The signals from these biosensors are processed through a dedicated software that gives it physical meaning. The process is non-invasive and painless.

BIOIMPEDANCE measurements provide estimates of body composition that have been correlated to the body's bioelectric signals. The EIS sensor (Bipolar Mode) measures segmental conductivity of the body through 6 electrodes. Estimated parameters that relate to tissue perfusion (Sodium-potassium pump activity, tissue density) and cell metabolic needs are collected.

The BIA sensor (Tetrapolar Mode) estimates the body composition parameters such as hydration, fat free mass, fat mass and others using predictive equations. THE BIA measures the all-important PHASE ANGLE that detects

changes in tissue electrical properties and has been found to be a prognostic indicator of chronic conditions such as HIV-AIDS, liver cirrhosis, chronic obstructive pulmonary disease and a wide range of cancers. BIA indicators also measure the state of hormonal systems, general metabolic functions and oxidative stress.

SPECTROPHOTOMETRY biosensor features the following:

1. Pulse Oximeter: Displays SpO2 percentage, pulse rate and amplitude.
2. Photoelectric Plethysmograph: Provides estimates of cardiovascular function (e.g., cardiac output, stroke volume, systemic vascular resistance).
3. Heart Rate Variability Sensor: Provides indicators to estimate the key intervals in heart rate variability and also provides estimates of autonomic nervous system activity.

The E.S. Teck measurements provide insight into the following:

PHASE ANGLE. Research has shown that phase angle is a powerful prognostic Indicator in cancer. The chart on the next page shows the linear correlation between the phase angle and cellular health. A low phase angle reflects the inability of cells to store energy and an indication of the breakdown of the selective permeability of cellular membranes. A high phase angle is consistent with large quantities of intact cell membranes and body cell mass. By measuring the ratio of reactance and resistance, phase angle obtains a proportional ratio of the body cell mass to the fat free mass. This ratio

relates to the viability of cellular structures, particularly their cell membrane integrity.

Autonomic Nervous System (ANS). ANS helps regulate (a) blood vessel size and blood pressure, (b) heart's electrical activity and ability to contract, and (c) air flow by controlling the diameter of the bronchium.

Cardiovascular System. Including heart function.

Cellular Metabolic Needs and Tissue Density in Key Organs. This Includes the thyroid, brain, stomach, liver, pancreas and colon.

Genitourinary System. Including bladder, prostate and uterus.

Specific Indicators for Hormonal Function, General Metabolic Functions and Oxidative Stress.

Overall Body Composition. Fat free mass (FFM), fat mass (FM), Total Water Body, Extracellular Water and Intracellular Water.

In summary, the ES Teck complex is used for the electrophysiological assessment of cellular function and integrity. It also measures the phase angle, a prognostic indicator of cancer. Using this information, we can better target our therapeutic choices based on information at the cellular level.

The E.S. Teck Complex at Hope4Cancer®. The E.S. Teck Complex System provides a powerful predictive opportunity for people suffering from degenerative diseases, aging or proliferative diseases such as cancer. Its high sensitivity also provides an opportunity to measure the improvement caused by a therapeutic approach.

At Hope 4Cancer, each patient goes through two E.S. Teck sessions - one close to arrival, and the second close to departure. The medical team uses the information to confirm and enhance their treatment strategies for each individual case.

THE E.S. Teck Complex Is Available for Patient Companions Too. Getting an insight into your current level of body function is highly prognostic of future disease conditions. An E.S. Teck run can help develop a strategy to prevent or delay the onset of chronic diseases in the future. Because of that reason, our patient companions are highly encouraged to request an E.S. Teck session for themselves. Our medical team will also advise you on ways to prevent chronic disease based on your data.

Your Home Program

What To Do When You Return Home

Treating cancer involves a long-term change in lifestyle and ongoing treatments to ensure that your body keeps moving towards a cancer-free state. That is why Hope4Cancer® offers our patients a comprehensive, long term home program unlike any other clinic in the world.

As your clinic journey comes to an end, you may be apprehensive about what happens next. The fact is that the journey against cancer is never quite over, and requires rigorous watchfulness. That is why our mission does not end with your departure from the clinic.

Through our exclusive home program, we continue to support you with the tools, information and support needed to continue your progress towards your ultimate recovery.

This section is devoted to inform you on what you need to do next, so please read carefully!

Before you leave, your Medical Team will take you through a final set of laboratory and radiology tests to assess the progress you have made during your stay at Hope4Cancer® that will help us put together your Home Program, designed exclusively for you. Following your

Home Program is crucial to your long term recovery.

Discharge Instructions and Your Home Program. Before you leave the clinic, you will be meeting with your our Director of Integrative Medicine, Dr. Xavier Curiel, who will thoroughly outline and discuss your personalized home program with you.

Rigvir® only outpatients will meet with our Rigvir® consultant, Dr. Santiago Valero to discuss their home program.

At the clinic, you will have received training on the various components of your Home Program. This section of the patient guide will serve as a reference with details about your therapies so that you may continue your treatments successfully at home.

Staying on Task With Your Home Program.

We expect you to diligently follow your Home Program:

(a) **Stay Disciplined With Your Treatments.**

Closely follow all the recommendations in your home program.

(b) **Periodic Tests.** Get periodic tests done as outlined in your home program and communicate that with your home program support team.

(c) **Be Available For Your Calls.** Please make sure that you are available for your weekly and monthly phone calls with your home program support consultant. If your scheduled time is not convenient, please contact us to change your schedule.

(d) **Take Advantage of Your Free Return Trips.** These trips help us help you better. Patients who return to Hope4Cancer® for their checkups fare better than those who do not. Full-term patients can use their quarterly return trips as checkpoints to measure progress.

(e) **Stay Positive and Expectant of a Complete Recovery!** Many people are winning the fight against cancer everyday - you can too! Expecting victory is half the battle won.

Components of Your Home Program. Your Home Program will have the following information:

1. Contact information for your Home Program Support Team (phone and email).
2. Exact instructions on how to take your medications and supplements, including dosages

and frequency. (You will receive separate instructions for any pharmaceuticals prescribed at the clinic).

3. Specific details relevant to treatment protocols that you will perform at home.

In the unlikely event that there is a conflict between the recommendations in this patient guide and your Home Program discharge instructions, please follow the latter.

Home Program Shipping Options. Please note that Pacific Medical Solutions (619) 825-6884 is our exclusive supplier for all Home Program supplies. Please contact them for any shipping or ordering related questions.

For all of our U.S.A. based patients, we mail most of their Home Program supplies to their home or preferred mailing address. The Home Program supplies should arrive approximately *three business days after your return*.

You may choose to take all or some of your Home Program supplies with you. Patients who are not planning to go home directly, or have traveled by road, very often prefer this option. If this is what you want to do, you must contact Pacific Medical Solutions (619) 825-6884 at least a week before your departure and let her know.

For all our patients who live outside U.S.A., you are required to carry your Home Program supplies back home with you, to prevent any unnecessary delays because of shipping and customs. You would have been advised to bring an empty suitcase ahead of time which should be enough to carry all your supplies. If you do not have an extra suitcase, you may purchase one in Mexico, prior to your departure. Being

an international patient, Pacific Medical Solutions will be automatically informed about you, and will arrange for you to receive all your Home Program supplies prior to your departure.

This applies to Canada residents as well.

How Does the Home Program Work? The specifics of your Home Program will be governed by your “Hope4Cancer® Admissions Agreement”.

Your Home Program is your final official recommendation from the clinic that comprehensively lists the treatments and supplements that you are expected to continue once you return home. Certain parts of the program are included in your treatment cost. This section goes into details of what is covered, and what is not.

The cost of your treatment at the clinic covers the following at *no additional charge*:

1. SP-Activate. In an exclusive arrangement with Pacific Medical Solutions, our approved provider of medical supplies, we will provide all Home Program patients, on Sono or Photo Dynamic Therapy, SP-Activate at no additional charge for one full year. In order to benefit from this arrangement, the patient is required to be following their Home Program and ordering supplies and supplements from Pacific Medical Solutions. This special arrangement has been made to incentivize our patients in a way that will help them adhere to the therapy long-term.

2. Standard Issue Device and Upgrade Policy. Many patients currently at Hope4Cancer® Institute will be prescribed either Sono Dynamic Therapy (SDT) or Photo Dynamic Therapy (PDT) by their doctor as part of their Home Program. To avoid any confusion regarding entitlement,

we describe here our policy for issuance of standard devices and upgrades.

PDT patients will receive either the Dual L.E.D. 132 (dual controller) or the Single L.E.D. 264 (single controller), while SDT patients will receive the Ultrasound Device (5 cm head) as part of their treatment package at no additional cost. You may upgrade to a higher priced L.E.D. device, if approved by your doctor. In that scenario, you will pay for the higher priced unit less a credit for \$1599. No adjustment credits will be offered if you opt for a lesser priced unit.

If you are prescribed both SDT and PDT, or if you requested to be placed on both therapies, you will have to cover the cost of one of your two devices.

No adjustment credits will be offered to patients who do not receive any of these devices because they do not have Sono or Photo Dynamic Therapy in their home programs.

This complimentary device option is available only for new patients who are currently admitted to the clinic. If these therapies are added at a later stage to your Home Program, you will be responsible for the cost of the device(s) required, although you will still be eligible to participate in the one year SP-Activate program mentioned earlier.

Models and prices of the various devices are listed in the Sono-Photo Dynamic Therapy Home Program chapter.

3. Your First 4-Week of Prescription Supplies. Your home program list is split into prescription items and additionally recommended

devices, supplies, supplements and pharmaceuticals.

You will receive an approximately 4-week supply of the treatments and any associated supplies that are listed as *prescription items* on your Home Program. Some of these supplies may have been already started at the clinic, in which case you will receive the remainder of the 4-week program to take back with you. Please note that the additional recommended items are not included as part of the package and must be purchased separately.

The included prescription items in your 4-week supply are typically selected from the following list, as prescribed by your doctor. Only those items relevant to your Home Program will be included:

1. Coffee Enema Supplies and Coffee
2. AARSOTA (continuation of injections started at clinic, total is usually 3 to 5)
3. PolyMVA (oral)
4. AloeMed Therapy (oral)
5. Silver Sol (Oral)
6. Amigdalina (Laetrile)
7. Liquid Oxygen (1 bottle)
8. Micellized Vitamin A & Tocotrienols (Vit E)

If you are on the *IV Home Program*, you will receive a 4-week installment of IV supplies according to your prescription. These IV supplies will be provided to you at the clinic itself upon discharge. The IVs will be selected from among the following options:

1. PolyMVA
2. Laetrile (IV Push)
3. Vitamin C
4. Double Helix Water

If you are on the Rigvir® Virotherapy program, then you will receive by mail the remainder of the 14 injections covered by the treatment cost in installments of 3-4 injections at a time. Additional phases of the Rigvir® Virotherapy program, based on doctor's recommendation, will incur additional charges.

The treatment cost does not cover the costs for the coffee enemas, colonics, or any prescribed detox equipment or supplements, unless they are added in your Home Program prescription, in which case you will receive a 4-week supply of the program.

What Is Not Covered in Your Treatment Cost.

You will be charged separately for any products (devices, supplies, supplements and pharmaceuticals) in your Home Program that are not listed in your 4-week supply of prescription items. Examples of items that might be recommended to you at additional cost are listed below. You must pay for these before leaving the clinic in order to have them shipped to you in a timely manner:

1. Near Infra-Red Sauna
2. Near-Infra Red Lamp
4. Full Body Hyperthermia Device (Sauna dome)
5. Delwa Star Device
6. All pharmaceutical products
7. Any additional supplements

4. Your Second Month Supplies and Beyond.

After the first 4 weeks, you will be charged for subsequent orders of prescription items at the preferred Hope4Cancer® patient rate. You can order almost all the items, as well as non-prescription items, needed for your Home Program from Pacific Medical Solutions 619-825-

6884. Doing that will also keep you qualified for the SP-Activate program, described earlier.

5. Timeliness of Orders. Please order your supplies in a timely manner, giving sufficient time for shipping and handling. Most patients place their orders on a monthly basis while on the Home Program. International patients may find it more convenient to order in larger quantities, which can save time as well as shipping costs. Please consult Pacific Medical Solutions if you have questions regarding appropriate quantities to order and delivery timelines.

6. Labs and Imaging Studies. In general, you are advised to undertake a monthly laboratory analysis of your blood and urine, which will serve as an important checkpoint for us to measure your progress in your treatment. Typically, patients are also advised to undertake some imaging studies (Ultrasounds, MRIs, CT Scans etc.) about 8 weeks into their Home Program. Your schedule might be different - please check your Home Program and follow the advice of your Home Program Support Team.

These tests allow your Home Program Support Team to periodically assess your condition and make revisions to your Home Program, as needed.

You must arrange to get these tests done by yourself. You may be able to get these tests done at your local clinic or hospital. We encourage you to maintain a good relationship with your existing conventional doctors/oncologists.

Review of Data. The Home Program Support Team reviews the reports generated by your pathology and imaging labs at no additional cost. However, detailed evaluation of imaging raw

data will require engaging the services of our radiology team, resulting in an additional cost of \$150 per study. Please allow 7-10 business days for evaluation of your report after its arrival at the clinic. Also be advised that our radiologists and doctors can only provide their interpretation and analysis of the data, along with follow up action steps. Please DO NOT request written reports on data that has not been locally imaged by us or our immediate sources.

7. How Long Should I Stay On the Home Program? As long as necessary! The Sono-Photo Dynamic Therapy method is a one year program while the Rigvir® Program last for approximately 3 months (14 injections) with the possibility of additional phases of treatment (extra cost). Some patients have stayed on the Home Program for several years at a time. From a practical standpoint, most patients should expect a re-evaluation in about 3 months post-discharge. Any changes made to the Home Program are relative to the condition of the patient and their rate of recovery.

8. Complimentary Return Trips to the Clinic. Patients on the 2-3 week (or longer) programs can return back to Hope4Cancer® every quarter over a period of one year. Patients on the 3-Day Rigvir® program are entitled to one free visit at the end of 3 months of treatment. Each of these visits includes two days at the clinic as an outpatient.

The following are included in the complimentary return trip package:

1. Color Doppler Ultrasound Evaluation
2. Blood and Urine Laboratory Tests (as prescribed by your physician)
3. Consultation with attending physician.
4. Meals for patient and one companion.

The following are *not included* in the program:

1. Additional treatments (these may be available at extra cost).
2. Hotel and travel costs (we can arrange for your accommodations at a nearby hotel at your expense).

9. Pacific Medical Solutions - Our Preferred Supplier. Most of your supplies and recurring product and supplementation needs will be fulfilled by Hope4Cancer®'s approved supplier, Pacific Medical Solutions. To contact Pacific Medical Solutions and order supplies, please call them at (619) 825-6884. Keep this contact information handy at all times.

10. Returns. Because of the sensitive and personal nature of the products sold, Pacific Medical Solutions can, under no circumstances, accept any returns. No refunds will be given for any returned products, even if returned unused. This policy holds even in the unfortunate event where we might end up losing a patient.

Your Home Program Support Team. Once you return home, the Home Program Support Team will become your main connection with Hope4Cancer®.

The Home Program Support Team consists of the following personnel:

Carlo Santiesteban (HPS Consultant). Carlo calls patients on a weekly basis during their first 12 weeks post discharge, and monitors progress of patients long term.

Dr. Santiago Valero, MD (HPS Consultant). Dr. Valero is the doctor in charge of all short-term Rigvir® patients (3 day treatment plan). He will

call you weekly for the first 12 weeks after discharge.

Agustina Cavallero is our Home Program Support Assistant. Agustina sets up appointments for all patients with Carlo and Dr. Valero. She also makes sure your questions get a timely answer. She is also the person who will answer the phone when you call us, or maybe even call you with a reminder.

The Call Schedule. The chart on the next page shows the different types of calls you should expect during the course of the next few weeks to a year. The Home Program Support team are available over email as well.

Our Medical Team supports our Home Program Support staff by being available to advise in case any specialized questions arise.

Methods of Communication. Maintaining strong communication with your Home Program Support Team is of great importance to your recovery. While we are available at your service, we want to ensure that you are taking proactive interest in keeping us informed.

Email Communication. You can email us at the following address: help@hope4cancermx.com. Depending on the urgency, most emails are returned within 24-48 hours. If for some reason you do not hear back, please send us a follow up email.

By Phone. Each patient receives a call schedule which starts with 12 weekly calls in the first 12 weeks after their discharge from the clinic. If, outside of your call schedule, you would like to reach us on phone, you can call us at 619-308-7271 (9 AM - 4 PM weekdays). Since our home program consultants have tight sched-

ules, they may have to return your call within the next 24-48 hours.

Doctor Consultations. If the situation demands, we can arrange for a phone consultation with Dr. Curiel.

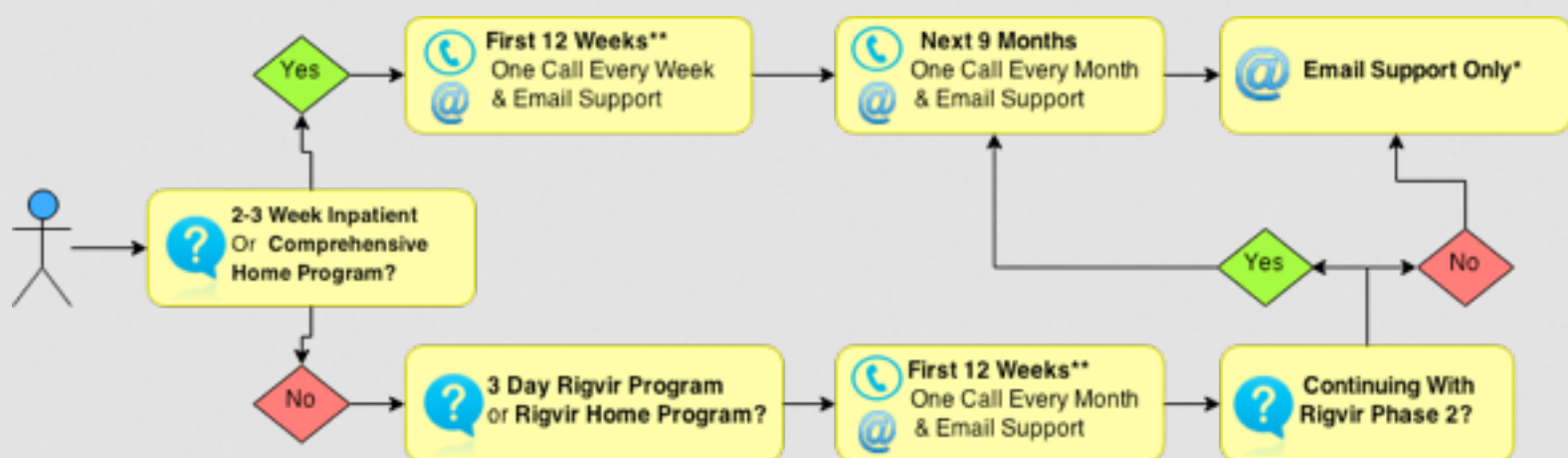
Your Training at the Clinic. You can view your therapy time at the clinic as training time as well. As you are progressing through your therapies please pay attention to how the treatments are being administered. Please feel free to ask detailed questions about how these therapies would work for you at home. You will also go through a session of Home Program training as well. Your goal is to leave the clinic fully informed about your therapies.

Handling Emergencies. Our program is not equipped for medical emergencies. In the event of an emergency, please call 911 or visit your local emergency room. Keep us posted on any health events that may occur.

Periodic Tests. Please communicate the results of laboratory tests and imaging studies as soon as possible so that our team can evaluate your progress.

Return Trips. Earlier we discussed the possibility of patients returning to the clinic for complimentary check up visits. Sometimes you may need to come back for longer durations. Please discuss with your home program support consultant what is the process you need to follow to book your return visit.

How Many Follow Up Calls Should I Expect?



* You can always request a phone consultation, if needed, even after your scheduled calls expire. We are committed to your recovery!
** We strongly recommend that you re-visit the clinic for your first complimentary 2-day 1-night consultation, if possible.

Your Home Program: Sono-Photo Dynamic Therapy

Included Products and Devices. Most of the products and devices you will need to continue the SDT/PDT treatment for up to one year are included in your treatment program:

The Ultrasound Device OR an L.E.D. Pad Device (a US \$1599.00 value). One of these devices (depending on whether you have been assigned PDT or SDT) is included within the cost of your home program. If you have been recommended both SDT and PDT, then one of the devices will be at extra cost. For important details regarding these units and our upgrade policy, please see the section on SPDT Devices that appears later in this chapter.

One Year Supply of SP-Activate. Up to one year supply of SP-Activate is included in your treatment program. You will initially receive an 8-week supply of SP-Activate, so that you can start using it as soon as you get home. Additional quantities will be shipped to you in installments.

Liquid Oxygen. Liquid oxygen is an important supplement to be taken along with SPDT. Your treatment program includes a one month home supply of liquid oxygen. Additional quantities need to be purchased from Pacific Medical Solutions.

For re-ordering supplies, shipment or any other related questions please contact Pacific Medical Solutions at (619) 825-6884.

Taking SP-Activate

CAUTION: SP-activate is a LIGHT-SENSITIVE MATERIAL. IT MUST BE OPENED FROM ITS

PACKAGING, AND CONSUMED IN A LOWEST POSSIBLE LIGHT FOR BEST RESULTS. NEVER EXPOSE SP-ACTIVATE TO ANY DIRECT LIGHT SOURCE. WE RECOMMEND CONSUMING THE PRODUCT IN A REASONABLY DARKENED ROOM.

SP-Activate is the sono and photo-sensitive agent that localizes and absorbs into only cancer cells. When it comes in contact with the matching sound or light frequency, the agent ‘explodes’ into free radical oxygen, instantly killing cancer cells. Two properties make SP-Activate an extremely safe and specific agent that targets cancer cells:

How to Store SP-Activate. It is important to store your SP-Activate supplies in the freezer long term. Take a vial out only when you are ready to take your weekly dose. Never expose the SP-Activate to light.

How to Take Your SP-Activate. The packaging in which we send you the SP-Activate vials will shield it from any light while in the freezer. Take the SP-Activate vial out of the freezer. In a reasonably darkened room, take out the vial from the pouch, open it and transfer the contents under your tongue. DO NOT SWALLOW. Allow the material to slowly absorb under the tongue. After about 3-5 minutes, swallow the remaining material.

The SP-Activate powder must be consumed in the lowest possible light (for example, late in the evening in a room with all the lights out, and curtains tightly drawn OR a window-less bathroom). Hold the vial from the neck as opposed to holding it in the palm of your hand, since the

heat from your palm could make it somewhat sticky and difficult to transfer.

Your SP-Activate Dose. Your initial loading dose at the clinic lasts for about two weeks. As you continue your Home Program, you will need to take one vial (30 mg) of SP-Activate once every week for the next 8 weeks, unless directed otherwise. The product should be taken at approximately the same day and time each week.

If you are a part of our traveling doctor program, our visiting physician will give you instructions on how to take the SP-Activate loading dose. After 14 days of taking the loading dose, take 1 vial (30 mg) of SP-Activate every week for the next 8 weeks.

If there has been a gap of 2 weeks or more between your last SP-Activate weekly dose, you will need to take the loading dose once again. The loading dose is prescribed at 1.4 milligrams per kilogram body weight.

After taking the loading dose, you will have to wait 24 hours before re-starting Sono or Photo Dynamic Therapy. Fourteen (14) days after taking the loading dose, resume taking 1 vial of SP-Activate every week. You will continue receiving complimentary refills of SP-Activate for up to one year, as long as you remain current with your Home Program.

Please note that in the event that you need to take the loading dose again, you must do so only under the directions of your Home Program Support Consultant. You will also have to separately purchase the loading dose of SP-Activate from Pacific Medical Solutions (619) 825-6884.

Liquid Oxygen Supplement. Proper oxygenation of the body at the cellular level is important to improve the effectiveness of SPDT. At the clinic, we provide patients with oxygen using a cannula during the Sono Dynamic Therapy procedure to improve your oxygenation. This process is not usually practical at home. That is why your Home Program package contains the supplement, Liquid Oxygen. Regular use of the supplement allows oxygenation at the cellular level, which greatly improves the effectiveness of your SPDT procedure. If prescribed, your home program includes a year's supply of this supplement. Please order stock in advance from Pacific Medical Solutions at (619) 825-6884 to make sure you do not run out.

Sono Dynamic Therapy

Ultrasound waves of a specific frequency and intensity interact with SP-Activate and cause it to break down and release damaging free radicals in cancer cells. If you have Sono Dynamic Therapy in your Home Program, you must set aside time for one 45 minute session of Sono Dynamic Therapy every day. This section describes how to prepare yourself, as well as how to properly use the ultrasound device. The recommended duration for Sono Dynamic Therapy is one year.

Preparing for Your SDT Session. The SDT procedure is often done under water. The following directions must be followed carefully:

1. Use white vinegar to clean the bathtub thoroughly. Using white vinegar will help disinfect the tub since it is a strong topical antiseptic.
2. Do not wear ANY garments, jewelry or metals.

3. Rub olive oil throughout the body, focusing on the areas where there is cancer activity (lymph nodes, spleen, liver and necks). Have a companion assist you, if you have that option.
4. Setup the ultrasound device, as described below.
5. Fill the bathtub with water at a temperature comfortable to you. Immerse yourself in the water, making sure that the affected area is submerged.

Setting Up and Using the Ultrasound Device.

As part of your home program, you will receive the SDT Ultrasound Device (with a 5 cm probe) required for performing the Sono Dynamic Therapy.

Follow the instructions below to setup and run the SDT machine:

1. Press the power button to ON.
2. Set the timer to 30 minutes. Repeat setting the timer for an additional 15 minutes, for a total of 45 minutes.
3. Set the Duty Cycle/Frequency pulse at 50%/1 MHz.
4. Set the Intensity to 2.3 W/cm square.
5. Push the Start button.
6. Using a circular clockwise motion, move the device over the areas of cancer activity.
7. If more than one area is affected, divide the 45 minute interval by the number of areas to be treated and spend an equal amount of time on each area. For example, if there are two areas to be treated, divide 45 minutes by 2, and treat each area for about 22 minutes. Include the liver as one of the areas to be treated, even if it is not affected.
8. When finished, push the Power button to OFF. It is okay to leave the unit plugged in until the next usage. You will see a flashing light, indicating unit is in standby mode.

While at the clinic, you will receive a powerpoint file that pictorially takes you through these steps.

Photo Dynamic Therapy

Science of PDT. Photo Dynamic Therapy (PDT) relies on the activation of the SP-Activate photosensitizer accumulated in tumor cells by means of a light source. In the presence of tissue oxygen, this activation brings about a photo-chemical reaction that destroys tumor cells. The PDT mechanism can be described as follows: when a photosensitizer molecule absorbs a quantum of light, it goes to an excited triplet state. The excited molecule can undergo photochemical reactions of two types. In the first type, the molecule reacts directly with biological molecules. This leads to the generation of free radicals. In the second type, an excited photosensitizer molecule reacts with an oxygen molecule. As a result, singlet oxygen is produced. This substance is a strong oxidant, which is cytotoxic in action (i.e., kills cancer cells).

Local Photo Dynamic Therapy (Local PDT). If prescribed, you will receive a single L.E.D. Pad Device 132 unit within the cost of your program (see pricing and upgrade information later in this chapter). This device will be shipped to your home address with your initial Home Program supplies.

The recommended duration for the Local Photo Dynamic Therapy program is one year. The sections on SP-Activate and Liquid Oxygen earlier in this chapter apply here as well.

Hope4Cancer®'s L.E.D. (Light Emitting Diode) Pad Device greatly improves the efficiency of delivering light to the tumors. The L.E.D. Pad is

a high-powered light source available in different size formats that has been customized to stimulate SP-Activate at two separate wavelengths.

The Technology. The L.E.D. Pad uses proprietary technology customized specifically for Hope4Cancer® Institute to match the absorption frequencies for SP-Activate. The L.E.D. Pad consists of the following configuration of L.E.D. lamps: 660 nm (55%), 440 nm (18%) and near infra-red (27%). The pulsed L.E.D. technology utilized in this device allows for superior penetration of the light compared to other types of L.E.D. light sources. Each time the light pulses, it allows the waves to penetrate deeper and with higher energy as compared to continuous light.

The Controller and Pad Units. The L.E.D. Pad is available in different formats depending on the number of simultaneous controllers and the size of the surface area that needs to be covered.

Two types of controllers units are available: Single and Dual. The Dual unit has the capability of connecting to two pads simultaneously, providing greater coverage at separate locations in the body. Units are purchased as a combination of a single controller with one pad, or a dual controller with two pads. The pads are encased in a flexible neoprene backing and come in two separate sizes: L.E.D. 132 (lighted surface: 4.5"x 6") and L.E.D. 264 (lighted surface: 4.5"x 12"). Please note that controllers and L.E.D. Pads are not available for purchase separately and cannot be swapped once purchased.

Using the Device. Before using, make sure you are free of garments, jewelry or metals. All piercings must be removed. You may sit or lie in a comfortable position while being treated.

Ensure that the controller is connected to the pad, and a compatible power source (110 V). The controller has a variety of possible settings. Use the following protocol approved by Dr. Jimenez:

Total Daily Treatment Time = 45 minutes

STEP 1. Setting #7, Timer set for 25 minutes

- *Areas of Treatment:* main tumor areas, split time between areas if more than one location.

STEP 2. Setting NICO, three 5-minute cycles (total NICO time = 15 minutes). Note that the instrument will beep every 5 minutes and then continue to the next 5 minute cycle.

- *Areas of Treatment:* First cycle: liver; Second cycle: lungs; Third cycle: abdomen.

STEP 3. Setting #3, Timer set for 5 minutes

- *Areas of Treatment:* First cycle: liver; Second cycle: lungs; Third cycle: abdomen.
- *Areas of Treatment:* On main meridian (as determined by Dr. Jimenez or Dr. Curiel).

Here are some frequently asked questions about the L.E.D. pad settings:

Why target the liver with one cycle of NICO?

The debris from breakdown of cancer cells gets eliminated through the liver. In its role as a key detoxifying organ and also a likely site for metastasis, it is important to treat the liver whether or not you have evidence of metastasis.

Why target the lungs with one cycle of NICO?

The lungs are required for oxygenation and detoxification, and a highly likely site for metastasis.

Why target the abdomen with one cycle of NICO?

The NICO cycle on the abdomen is used to stimulate the small intestine for immune function (Peyer's Patches) and gut health. According to thermographic analysis, 80% of cancer patients have gut dysbiosis, revealing a key whole body connection that needs to be treated pre-emptively.

If you have a unit with a dual controller and two pads, then you can apply the pads in two areas simultaneously to save time. The device turns off after the time limit is reached, or it can be stopped in the middle of the cycle any time.

Please note that the near infra-red L.E.D.s emit invisible rays, and that is why it might seem that some of the L.E.D.s are not lit when you turn on the device.

PDT patients will receive one of the following two devices at no additional cost: The Dual L.E.D. 132 or The Single L.E.D. 264.

Which specific device is issued will be based solely on the physician's discretion and understanding of the patient's need.

SDT patients will receive the Ultrasound Device (with a 5 cm head) as part of their treatment package at no additional cost. Upgrade to a 10 cm head costs \$265 and must be pre-ordered for the patient to be able to take it home when they leave the clinic.

Upgrading Your PDT Device (applicable to PDT Home Program Patients Only): You can request a larger L.E.D. device configuration, in which case a \$1599 credit will be applied to your upgrade (only applicable for the purchase of your first device). No adjustment credit will be issued if the patient chooses the lesser priced Single L.E.D. 132 pad.

SPDT (SDT + PDT) Patients: A PDT patient can request or may be recommended by their doctor to add SDT to their home program, and vice versa. In that scenario, the equipment cost for the added therapy will be an extra cost to the patient. No credit requests will be entertained from patients who have not been pre-

scribed Sono-Photo Dynamic Therapy in their Home Programs.

SDT/PDT DEVICE PRICE LIST	
L.E.D. PADS*	
Single L.E.D. 132 Pad with Single Controller	\$999
Single L.E.D. 264 Pad with Single Controller**	\$1599
Dual L.E.D. 132 Pad with Dual Controllers**	\$1599
L.E.D. 132 Pad (One) and 264 Pad (One) with Dual Controllers	\$1999
Dual L.E.D. 264 Pads with Dual Controllers	\$2299
ULTRASOUND DEVICE*	
Ultrasound Device (5 cm head)	\$1599
Additional Cost to Upgrade to 10 cm head (not kept in stock, must pre-order)	\$265

*Additional shipping and handling charges will apply. California residents are subject to sales tax. Prices and availability are subject to change without notice.

**These are standard issue PDT device included in Home Program of PDT patient. **Standard issue SDT device included in Home Program of SDT Patients. Standard issue and Upgrade Policy for SDT and PDT Devices: Most patients currently at Hope4Cancer® Institute will be prescribed either SDT or PDT by their doctor as part of their Home Program.

International Patients: Please note that the L.E.D. Pads and the Ultrasound Device are designed to be used for power supplies that are similar to the U.S.A. (i.e., 110 V), without a battery option. In order to use them in other countries, please be advised that you may need to purchase the appropriate plug adapter and voltage transformer, which are not stocked at Pacific Medical Solutions. Please check with electrical supply stores in your country to obtain the appropriate equipment. You will be responsible for any damages to your equipment if you plug it into an incompatible electrical source.

Your Home Program:

Infra-Red Lamp Therapy

Near Infra-Red Properties. As part of your cancer therapy, Hope4Cancer® uses near infra-red light as an important method for detoxification, deep tissue healing, pain and inflammation relief. Recent studies in China indicate that near infra-red light can also trigger SP-Activate, potentially aiding the process of cancer cell destruction.

Near Infrared has been used as a therapy because of the following properties:

- Whole body detoxification
- Enhances blood circulation
- Does not emit electromagnetic radiation
- Penetrates tissues deeper than Far Infrared
- Promotes cellular generation
- Increases white blood cell count
- Provides temporary relief of muscular pain and spasms
- Heals mild and occasional joint aches and stiffness
- Penetrating warmth and a feeling of comfort
- Stimulates DNA or protein synthesis in cells
- Metabolic improvement
- Color therapy

Hardware Needs. Infra-red lamps are available in many hardware stores. Look for heat (250 watts) not color, as some bulbs are painted.

Directions of Use. Apply twice a day for a duration of 10-15 minutes each unless recommended differently. Direct the lamp to the area to be treated at a distance of approximately 18 inches from the skin. The area to be treated in-

cludes the tumor area and anywhere you may be experiencing pain or inflammation. Do not look directly into the bulb. The near infrared light penetrates up to 2 inches into the body where it exerts its healing power.

If you have pain and inflammation, you may want to apply an anti-inflammatory and analgesic cream/ointment before treatment. A good choice is Traumeel, a homeopathic remedy from Heel Company, available at several health stores or online.

Your Home Program:

Liquid Oxygen

Delivering oxygen at a clinic or hospital setting as opposed to doing it at home are two completely different situations. The equipment and medical expertise necessary to deliver oxygen and preparation needed to avoid any problems is not a practical solution at home. However, raising oxygen levels in the body is a crucial factor in combatting cancer that, as you know, thrives in oxygen deprived “anaerobic” conditions.

Seven Principles Nutritionals Liquid Oxygen supplement is a unique product taken orally that has the ability deliver oxygen at the cellular level. The ionic nature of the product helps it dissociate the water molecule into nascent hydrogen and nascent oxygen. This water split-

ting technology enables the release of hydrogen and oxygen gases simultaneously in a chain reaction that involves one five-hundred thousandths of the available moisture at any one time. Water splitting is achieved by means of shifting and weakening the bonding electrons (ionic transfers) of the water molecule towards the oxygen and away from hydrogen until dissociation happens.

Liquid oxygen is made of nutrient rich content derived from mineral waters found deep in the earth. The product is rich in highly ionic trace minerals, amino acids, enzymes and electrolytes. Take 8 drops three times a day, mixed in a glass of purified water or fruit juice.

Your Home Program: AARSOTA Vaccine

Please note that AARSOTA may be part of your home program, but it usually is an add-on expense even if recommended to you by your doctors.

AARSOTA, one of our leading immune products is described in detailed in Chapter 5. In short, AARSOTA provides the following benefits:

1. It increases B lymphocytes
2. Increases natural killer cells
3. Increases apoptosis of cancer cells
4. Affects the cell cycle shifting cell division from the synthesis to the resting phase.

Usage Protocol. If you have been selected for the AARSOTA vaccine protocol, the first step begins at the clinic where you will be asked to collect about a gallon (about 3 liters) of urine. *Please record the date of collection of urine, since you will need it to properly time your AARSOTA next treatment.*

The urine is sent for processing to a laboratory and the vaccine created from it is returned in vials. This process usually takes 3-5 days. The number of vials varies depending on how much protein was released in the urine. Typically, 4-6 vials are generated.

The first two vials contain 1.5 mL of vaccine, while the remaining vials will have 3 mL of vaccine. The first two half-dosages are given through deep intramuscular administration (in the buttocks area) at the clinic with 3-5 days between each dose. After waiting an additional 3-5 days, the first full dosage is given. Usually

these doses are accomplished during your stay at the clinic.

Transitioning to Home. The remaining doses are taken at home, once every week until the vials are used up. Your Home Program Support team will instruct you on how to administer the injections at home by yourself or with the help of your companion.

Response to AARSOTA. Because AARSOTA induces an immune response, some patients may experience flu-like symptoms such as chills, fever, body ache and malaise. This is not a reaction, it is a response, typically lasting for 12-24 hours after which you may feel your energy level rise. Keep in mind, that if you do not experience a symptomatic response, it does not mean that the therapy is not working.

Repeat the Sequence in Three Months. The AARSOTA vaccine is to be repeated once every 3 months, unless directed otherwise in your Home Program. After a period of 3 months from your previous collection date, you will need to overnight us your second batch of urine for your next booster dose. Once ready, the vials will be overnighted to you and you will follow the same protocol from the very start. Please note that each repeated round will be at an additional cost.

Procedure for Ordering Your AARSOTA

Vaccine. A few days before your 3 month anniversary from your previous AARSOTA urine collection, you will, in consultation with your Home

Program Support Team, start the process once again. Follow the instructions below:

1. Call Pacific Medical Solutions at (619) 825-6884 to process payment for the AARSOTA vaccine batch.
2. Purchase a 1 gallon plastic container of clean water from any store that has a sturdy screw cap. Ensure that there are no leaks, even when held upside down. Dump the water and let the container air dry. Do not use soap, bleach or chemicals in an attempt to clean the container.
3. Fill the clean plastic 1-gallon container with urine. If it takes more than one day to collect the urine, refrigerate the container of urine overnight and continue collection the next day.
4. Once ready, screw the cap on the container and use duct tape to secure it tightly in place.
5. Put the container in a sturdy plastic bag, and duct tape the bag closed.
6. Put this into a box and package it tightly with Styrofoam or newspaper around it.
7. Next, contact your Home Program Support Team and let them know that the urine is ready to ship

along with the exact date of arrival so that they can arrange for somebody to pickup the package on arrival.

8. Ship the package to the following address using *overnight delivery*:

Pacific Medical Solutions
13910 Lyons Valley Road, Ste R
Jamul, CA 91935

Please ensure that the package is timed to arrive on a weekday and not a weekend or postal holiday.

Once the urine sample arrives at our USA address, it will be transported to the laboratory in Tijuana where the antigenic vaccine will be manufactured. This vaccine will be overnighted back to you once ready. Please freeze the product on arrival until ready for use.

Once the vials arrive, you can apply the vaccines in the same sequence as explained earlier: two half doses first, followed by the full doses, with 3-5 days between each dose.

As always, feel free to ask questions to clarify any procedural issues.